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THERAPEUTICS;

OR, THE

ART OF HEALING.

BY THOMAS MARRYAT, M.D.

Nullus addictus jurare in verba Magistri. HOR.

—
To which are added,

A GLOSSARY,

TO EXPLAIN ALL THE DIFFICULT WORDS;

Recipes

For several Popular Medicines now in Use;

AND

A POSOLOGICAL TABLE,

By which the proper Dose of any Medicine may be instantly seen.

ACCOMPANIED WITH

A SKETCH OF THE AUTHOR'S LIFE.

The Twenty-fourth Edition.

LONDON:

PRINTED FOR SHERWOOD, NEELY, AND JONES,
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BRISTOL.

1816.

THE ART OF HEALING

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BY THOMAS W. SWIFT, M.D.



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TO EXPLAIN ALL THE TERMS USED IN THE

ART OF HEALING

FOR SEVERAL POPULAR MEDICINES NOW IN USE

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THE TOWN OF SWIFT

LONDON:

PRINTED FOR SHERWOOD, NEELY, AND JONES,

STATIONERS-HALL COURT,

WETTER AND SON, BATH, AND HATTON AND SON,

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PREFACE.

THE almost unprecedented number of Editions through which this Work had passed had so encumbered it with Prefaces, that it has been judged eligible to form such a summary of the whole as might include every thing useful to the Public, and, at the same time, leave sufficient space for additional and more valuable matter: we trust, this has been effected. The Reader will find the first addressed to the APOTHECARIES, for whose use the book was originally printed in Latin; and the second, to the PUBLIC in general, containing a good deal of explanatory matter, which ought to be attentively perused by those who intend to use the prescriptions contained in this medical legacy.

As it could not be expected of persons whose pursuits are of a different nature that they should be acquainted with the technical terms used in the practice of physic, and as, nevertheless, many parts were unintelligible without such knowledge, a GLOSSARY, or Explanation of all the difficult Words, is added, by the help of which it will be an easy matter to comprehend the meaning of the Author.

Some approved RECIPES for popular medicines are also added, which may, probably, be valuable to those who are accustomed to take these remedies.

This Edition contains, in addition to all hitherto published, a faint outline of the Author's Life; and is likewise rendered much more valuable than any preceding one, by having a correct List of the Doses usually given by regular Practitioners. This POSOLOGICAL TABLE, as it is called, exhibits, at one view, the *smallest* quantity of every medicine in use, which must be given to produce any effect on the human frame, and the *greatest* which can be taken with safety; always keeping in mind that these quantities are adapted for an adult, or full grown person, and that the dose must be regulated according to the strength and age of the patient. This addition was deemed the more necessary, as it would enable the reader to contrast and check the bold and adventurous practice of DOCTOR MARRYAT with the general practice of the Physicians, Surgeons, and Apothecaries, of the present day.

If, with all these weighty considerations, we take into account that the whole Work has undergone very important corrections, and has been carefully revised by a person fully adequate to the task, we have no doubt that it will have with the world a decided preference.

ORIGINAL

Epistle Dedicatory,

BY THE AUTHOR.

TO THE ENGLISH APOTHECARIES.

GENTLEMEN,

THIS Treatise was originally intended for your service, and is *now* presented to you in as finished a state as I am capable of raising it to. The first Latin edition being soon disposed of in the year 1758, I was requested to give it in English; this I complied with less reluctantly, because a person had already published a translation of the prescriptions, with his own directions for the application. He was, indeed, by no means equal to the task: yet his motley work passed through several editions. In a lapse of above thirty years since its first publication, I have, with unremitted sedulity, made such alterations and additions as seemed necessary or useful, attentively observing the operations of nature, confirming those observations by experience, with the advantage of a practice as extensive and as successful as that of any Physician in Europe. The result of all my observations, and of infinite combinations, during the space of forty years, cannot be unacceptable to you. Let me add, that there is not a single prescription

in the subsequent pages that you can ever make use of to the possible prejudice of any person. He that would trifle with the life or health of a fellow-creature is an object of the severest reprehensibility.

It has afforded me great satisfaction to know that many of you, who are very eminent in your profession, have for several years administered the prescriptions in this TREATISE with success equal to your most sanguine expectations. As to your pecuniary interest, I never consulted it, and, consequently, have no reason to expect that you should consult mine. Nor have I swerved from the Evangelical rule in that respect, having treated *you* full as well as myself. The object ever most dear to me was, to mitigate the sufferings, relieve the miseries, and remove the pains, of my fellow-creatures : to this purpose has my life been devoted. It is with this sole view that I inscribe my work to *you*. The only favour I ever did, or ever shall request of *you*, is, to dispense my prescriptions with your usual fidelity and accuracy. To say the truth, I have very seldom had any reason to complain : for *this* (as you are entitled to them), be pleased to accept the warmest acknowledgments of,

GENTLEMEN,

Your humble Servant,

THOMAS MARRYAT.

ORIGINAL

Preface to the Public,

BY THE AUTHOR.

IN prescribing medicines, the effects of due combination are beyond measure astonishing; and we may assign sufficient reasons why two powers, separately inodorous, when combined, possess the acutest pungency; or when two liquids perfectly cold, as soon as united, take fire and burst into flame, even in the exhausted receiver of an air-pump. In the human body there are so many chemical processes carried on, and such a variety of operations of nature, that the utmost limits of our knowledge of the *modus operandi* seem to terminate in *probability*. All we know is, that such and such a combination has produced such and such an alteration; and therefore it is highly *probable* that such a cause may again produce the same effect: as, for instance, I have seen a great number of cases wherein the *asafoetida* has been given in large quantities, and for a considerable time, to no purpose; when joined with a *chalybeate*, it had soon the desired effect.

Opiates exhibited *alone* will often disappoint the practitioner; yet combined with quicksilver, or an antimonial, or both, as the exigency of the case requires, they will almost immediately answer the end

designed. The same medicine joined with *kali*, *cantharides*, or *ipecacuanha*, or even *chalk*, according to the intention and skill of the prescriber, will take an incredible effect.

The *Bark*, that *magnum Dei datum* (great gift of God), as Dr. Mead calls it, is too often trusted to alone, and with scanty success; but, combined with *ammonia*, or *kali*, or *nitre*, or *iron*, or *opium*, according to the case, it will prove a sovereign remedy: *quicksilver* itself requires sometimes *rhubarb*, and sometimes *opium*, to assist its operation and efficacy. *Guaiacum* may be given in large quantities without advantage; but, dissolved in compound spirit of *ammonia*, it will soon free the patient from his pains. The *tartarized antimony*, I have lately observed, has, in many cases, a much better and quicker effect when combined with *wine* than any other form. This the authors of the London Pharmacopœia were apprised of, as appears by their order to keep a *tartarized antimonial wine* as an officinal: of an ounce of this wine with two drachms of syrup, if a tea-spoonful is given every three or four hours, it is the most expeditious and efficacious remedy for all fevers of children, without exception. It is, indeed, a feast to the scientific taste to trace that exquisite skill of combining, so manifestly displayed in that incomparable work. In *this* the Art of Healing wholly consists. To *combine* with propriety is neither to be learned from books, nor from the mouths of professors; nor is it taught even in that extraordinary seminary where every thing else is taught, the glory of the North, the wonder of the world.

He who would acquire it must have laid the broad basis of a liberal education, and have attained a most extensive knowledge of things. He ought to know what the learned have thought before him in former ages, and different nations. He should possess a vivid imagination, a tenacious memory, and sound judgment to discriminate with precision between things discrepant and things homogeneous. He must be well acquainted with the effects of matter on matter. He should have been present at the dissection of an hundred or an hundred and fifty subjects. He must be no stranger to Botany, Chemistry, Pharmacy, or Surgery. His application must be indefatigable, and his attention to the operations of nature calm, steady, and unremitted. He must be cautious, circumspect, and attentive to the minutest circumstances, with patience and perseverance unrelaxed. By travelling, he ought to have informed himself of a variety of things which he could never learn at home. Such an one, by continued observation and painful experience, may qualify himself to acquire the knowledge of proper and efficient combinations, consequently of the Art of Healing. From hence it is plain that this art is to be *learned*, not to be taught. No books in the world will ever make a Physician. To facilitate the learning of it should excite the most strenuous endeavours of those whose business it is to instruct others in the preparatory sciences. To seek for specifics is inexcusable puerility, or the suggestion of desponding indolence; like some, who, being in possession of every thing they *do* want, are incessantly hunting after what they *do not* want, or that which is unattainable.

For common disorders, the reader will find remedies in this book sufficiently plain; but in cases of difficulty or danger, no time ought to be lost in applying to a Physician.

That the medicines prescribed are some of the *keenest edge-tools of Physic*, must be acknowledged; for, perhaps, busy minds might entertain some suspicions of the sagacity or dexterity of that workman who should prefer the use of *blunt ones*; and, if the old adage is true, such an one stands the worst chance of cutting his fingers.

The dry vomit cannot deserve the unkind terms of *rugged* and *surlly*; for the only *teazing* or *vexatious* circumstances I have ever known to attend it is, that it sometimes would not vomit at all; and, in cases where that effect has been necessary, I have been obliged to double the dose, even in delicate habits, before it could be procured; though, strange as it may seem, the quantity of either ingredient *alone* would have puked pretty smartly.

The Author confesses his temper is naturally sanguine, and that he may sometimes have expressed himself in terms rather too strong; but, when it is considered that he relates nothing which his eyes have not seen, some allowances should be made for the strength of expression. He shall esteem that person as his best and dearest friend who points out his faults. Whether he is right or wrong, in his *speculative* notions, appears to him a matter of equal moment with, whether a goose stands on her right or her left leg. But whether mankind are misled in things relating to their health is an affair of the last importance; and he

would rather perish than offer any thing to the Public which could be the least deceptive on this head.

The large doses of *volatiles* and *narcotics* to be met with in these pages may startle the reader : it is to be feared they are often trifled with by an inexcusable temerity. It is a certain fact, that small doses, at different times, have often no good effect, and that the opportunity of saving our patient, which a large dose at first might have effected, is irretrievably lost. An extensive experience has convinced me, that many lives are to be preserved by an happy temerity.

The Author did not chuse to adopt any systematical or regular arrangement of diseases ; but those of which great multitudes have come under his care, are all treated in the subsequent manner.

A *definition* of every disease is first given, sometimes indeed not very accurate, but popular and intelligible ; for his chief aim was to express himself with as much plainness and perspicuity as the nature of things would admit of.

The various *causes* by which it may be occasioned, follow. The reader will here meet with many latent and unsuspected ones, and some that were never observed before, yet well worth his serious and careful attention.

All the *diagnostics* are subjoined, and pathognomonic symptoms, without which it cannot exist (to preclude all possibility of a mistake), to give him a competent knowledge of the difference of distempers, and enable him to treat them with certainty and precision.

The invariable *prognostics* are added, to satisfy a natural curiosity which prompts us to inquire whether it will terminate in health, another disease, or death: nor is the least regard paid to any authors, unless we have seen their assertions confirmed by a series of instances, and irrefragable experience.

The *cure* is the next and most important point that comes under consideration, including the regulation of the non-naturals, particularly the dietetic regimen. According to the plan laid down, it is impossible to err in this case, or to be at a loss in knowing whether evacuations are necessary, and which are the most eligible. For instance, if there is too great a quantity of vital heat accumulated, and that accumulation be universal, a vein must be opened; but if it exceeds not in quantity, or the accumulation be only partial, as in hectic, slow fevers, &c. nothing can exculpate the practitioner for proposing that operation.

Lastly, a variety of *prescriptions* are given, adapted to the various circumstances of the case, and *such* only as have *often* proved successful.

My attachment (perhaps too violent) to *formulæ*, I readily confess, partly owing to the necessity of writing some scores overnight; without which precaution, it would have been impossible to assist the numbers of poor who applied to me in several places where I have been.

In what manner they were acquired is of little concernment to the reader; some were discovered by accident, others originate from hints received from old Physicians, though by far the greatest part is the result

of severe study ; the utility of which has been confirmed by long, extensive, and painful experience. Such as they are, mankind are welcome to them, as I have no other object in view but their benefit. He who can conceal that which would be of advantage to millions, for the emolument of a paltry individual, is a despicable wretch, that deserves very ill of society.

————— *Si quid noristi rectius istis,
Candidus imperti: si non his utere mecum.*

HORAT.

I now take my final leave of the Public ; for, at my time of life, I cannot expect to make any more discoveries of importance, especially as I feel the passion for solitude daily increasing. It is true, existence is not worth possessing, if it do not contribute to the ease and happiness of the existence of others. Should I be fortunate enough to mark the peculiar effect of any combination in future, an account of it will certainly be found amongst my papers after my decease.

READER, farewell ! and rest assured that the most exalted and refined felicity springs from the disinterested and unwearied endeavours to lessen the evils of life, and add to the enjoyments of your fellow-creatures.

THOMAS MARRYAT.

A
BRIEF ACCOUNT
OF
THE AUTHOR'S LIFE.

DOCTOR THOMAS MARRYAT was born in London, in the year 1730, and bred up to take upon him the duty of a Dissenting Minister. The restraints, however, which such a profession imposed, not being at that time suitable to his volatility and gay turn of life, he resigned this calling, and went to Edinburgh, where he commenced Student in Physic. Having regularly graduated, and laid a good foundation, he went abroad to visit foreign Universities, and glean further knowledge amongst the Physicians of the European Continent. After he had traversed the usual route of Tourists in the OLD, curiosity led him to cross the Atlantic, in order to pay a visit to the NEW WORLD.

Our materials are so very scanty, that it is impossible to consider them in any other light than a few memoranda of a man who once excited in Bristol, and elsewhere, a considerable degree of interest; and we have been unable to learn whether he practised, or not, when abroad. He quitted the Metropolis in 1762, and did not return to England till the year 1774, having been absent from his native country about twelve years, when he took up his abode at Shrewsbury. For several years he practised in Ireland, where he was

almost deified by the populace, and much esteemed by many persons of high rank and extensive patronage.

The countenance of the Doctor was far from engaging, and, like Gibbon the Historian, he was unable to boast of the charms of his person. In his disposition he was, latterly, morose; with a bluntness in his manners, bordering upon perfect rudeness, aping the manners, or rather the *ill* manners, of our lexicographer, Johnson. Notwithstanding this, he was a pleasant companion when he began to *expand* himself, but a perfect hedgehog to strangers, and those whom he disliked.

He appears to have received a classical education in his youth, as he was well acquainted with the dead languages, and was by no means wanting in that knowledge of polite literature which usually marks the gentleman. Having, in his travels, seen a great deal of mankind, he was well aware of the homage paid to the rich; but he was of too independent a spirit ever to amass wealth by the means which many pursue, and, in consequence, was not held much in consideration by those who measure a man's worth by the length of his purse.

He came to Bristol about the year 1785, and shortly after gave a Course of Lectures, which was well attended, and did him much credit.

In order to excite notice, he published a book, called *THE PHILOSOPHY OF MASONS*; a work so replete with heterodox opinions and licentious language, that it justly drew down upon him some severe animadversions, and the censure of many, even amongst

his best friends and warmest admirers. He had a good deal of the *Cacoëthes scribendi* about him, and was frequently a votary of the Muses. A new Edition of his SENTIMENTAL FABLES FOR THE LADIES appeared in 1791, republished from an Irish copy; of these it may be said, that "some are good, some bad, some indifferent:" they were, however, well spoken of by the Reviews of the day, and have the merit of being moral. They were dedicated to Mrs. Hannah More, and a very large impression had a rapid sale. In his Preface he says, that "his intention was to inculcate the most liberal and exalted sentiments, to pourtray Virtue in the most amiable and striking light, and to strip Vice of her alluring blandishments, paint her in her natural deformity, and point out the inextricable difficulties in which her deluded votaries must be necessarily involved."

His THERAPEUTICS were first published in Latin in the year 1758, and reprinted in Dublin in 1764; after which a Mr. Dodd worked off two spurious copies, one in Cork, dated 1770, and another in London, four years after. The first publication in Bristol was in 1788, since which, every three or four years have produced a new Edition; a proof of the estimation in which the ART OF HEALING has been held by the Public.

His opinions, however, in many points, are not only very disputable, but, probably, unfounded; and his practice, in general, is of that bold and decisive nature, that some of the prescriptions are much too drastic and powerful for common or indiscriminate use.

His good fortune in restoring to health many patients who had been long afflicted with some painful and dangerous maladies, acquired him a reputation which quickly enabled him to keep his carriage; but he was improvident, and made no provision for the infirmities which usually attend the *bon-vivant*, and, in consequence, was latterly much reduced.

Few people need be told, that a man's acquaintance, and even those who once called themselves *friends*, drop off, in exactly the same proportion as a man lessens in his abilities to entertain them. Thus it was with him; and a paper was actually fixed upon the glass of the Bush Coffee-Room, in the Doctor's hand, inquiring "if any one remembered that there was such a person as Thomas Marryat?"—and informing them that he "still lived, or rather existed, in Horfield-road." In the midst of his poverty, he nevertheless strenuously and haughtily refused the assistance of some very near relatives, still living, of the highest respectability, who would willingly have comforted his old age, if the pride of his spirit would have permitted them. He was a man of the strictest integrity, and was always punctual to the utmost of his abilities, when it was in his power. In his latter days, when he imagined his credit was bad, he applied to Mr. A., and abruptly said, "You don't know me; but will you trust me with a bed to sleep upon?"—the reply was in the affirmative. "Well, then," said he, "I shall pay you on such a day."—Exactly at the appointed time, the Doctor called; but, not finding Mr. A. at home, he wrote a note, saying, "Why do you make me a liar? I called to pay you. Send for your money this evening, or I will throw it into the street."

In his last illness, a friend came to see him ; to whose interrogatories respecting his health, he replied, " I am very bad ; but it is not worth your while to stay and see an old man die." Afterwards, in the course of conversation, he said, " The world supposes that I am an Atheist, but I am not. I know, and believe, that there is an Almighty God who made me, and will not suffer me to perish, and therefore I am not afraid to die." There is also some reason to think, that, latterly, his heart was open to the truths of the Gospel, though he was silent upon that point ; for his servant had frequently surprised him in deep meditation over what she considered to be a small cabinet of jewels, as he constantly shut it up when observed ; but after his death, upon examination, it was found to be a very fine Edition of the New Testament in Greek.

On the 29th day of May, in the year 1792, he departed this life, aged sixty-two. His remains were interred in the burial-ground belonging to the Chapel in Lewin's Mead, Brunswick Square.

TO
THE AUTHOR
OF
The Art of Healing.

LONG had Philosophy laid hid in night
Till sapient NEWTON rose, and all was light ;
So Physic hobbled on with crippled pace,
Veil'd in dark terms, or cover'd with grimace,
Till MARRYAT laid her open to the view,
With Truth adorn'd her, and with Reason too.

SHARMAN HARROLD.

Antrim, August 24, 1766. 4 words NEW & TO 180

THERAPEUTICS;

OR, THE

Art of Healing.

OF FEVERS IN GENERAL.

A FEVER exists when the motion of the blood is preternaturally accelerated, which increased motion seems to be caused by an effort of nature to expel something out of the body which ought not to be retained within it ; but this effect becomes a primary disease, from the incapacity of nature to remove it.

By *Nature* is meant that active power by which those functions are performed which are entirely independent on our own direction or consent ; such, for instance, as the pulsation of the heart and arteries, the secretions, &c. Spontaneous actions, or those which are chiefly so, being objects of choice, are therefore by physicians termed *non-naturals*.

The immediate *cause* of Fevers is irritation (which may occasion a spasmodic affection of the whole nervous system), commonly owing to an obstruction of insensible perspiration : when the particles of this matter are thrown back into the circulation, they may stagnate in and plug up the extremities of the capillary arteries, or bring on spasmodic constrictions of them.

An irritation may also be owing to other causes, as acrid food or liquors, affections of the mind, hunger,

the absorption of pus, any thing acrimonious coming into contact with the extremity of a nerve, intense study, great watchfulness, profuse venery; propulsion of the blood into the lymphatics, which is then called an *inflammation*.

The *diagnostics* of an inflammatory Fever: Parching heat, intolerable thirst, high coloured urine, without sediment; quickness, hardness, and fulness of the pulse, pain in the head, side, back, or loins; a dry, furred tongue, anxiety about the heart and chest, difficult respiration, drowsiness, and aversion from food.

Fevers generally begin with a previous sensation of chillness, shivering, or intense cold; less or more, longer or shorter, external or internal, according to the variety of subjects, causes, or fevers themselves.

The *prognostics*. Every Fever ends in *health*, *another disease*, or *death*.

In *health*, when the matter causing the disease is subdued by the fever, loosened, rendered moveable, and at length expelled by insensible perspiration, sweat, saliva, vomiting, urine, or diarrhoea; a crisis usually coming on within fourteen days.

In *another disease*, when the vessels are injured by too violent an agitation; the more fluid parts consumed, the rest too much thickened, and the critical matter deposited in vessels which are obstructed, dilated, or ruptured; hence arise pustules, red spots, erysipelas, phlegmons, buboes, schirri, exanthemata, abscesses, gangrenes, and mortifications.

In *death*, when a preternatural increase of the vital heat overcomes the elasticity of the muscular fibre, and retains the heart in its diastole; or when the fluids are destroyed by the force of the solids: hence arise inflammations, suppurations, gangrenes in the vital viscera, and ulcers in the primæ viæ; which last, though seldom noticed or suspected, appear, from dissections, to be a common cause of death.

The curative indications. These direct to the correction and expulsion of the acrid irritating matter, with unremitted attention to the *vis vitæ*, that it may not be too much diminished ; while the motion of the blood must be restrained within due bounds, and the redundancy of heat expelled.

As to *regimen*, fresh air is absolutely necessary, which may be admitted by the door or windows, as often and as long as may be thought convenient : vinegar should be frequently thrown on a red hot iron in the room : nor would it be a trifling melioration of the air to set pots near the bed with some of the aromatic plants growing in them, such as lavender, rue, rosemary, or mint ; but by no means to suffer any herbs which are not in a state of vegetation to continue in the same room with the patient, nor these after sun-set. Clean linen refreshes, and may safely be allowed every day, or every other day at farthest. Let him not be confined wholly to his bed, but sit up every day, as long as he can without fatigue.

He should be plied plentifully with diluting liquids, for it is impossible that he can drink too much : what the fluid is, is not very material, provided it be taken in immense quantities ; even cold water, if required, may be drank with safety and advantage. The subsequent diluents are exceedingly suitable, viz. barley-water, with forty drops of spirit of nitrous æther in every pint, decoction of hartshorn, cider-whey, tea prepared from balm, sage, mint, penny-royal, or mother of thyme. A lemon squeezed into a pint of water, and sweetened to the taste with treacle, is of considerable utility. Three spoonfuls of vinegar in a pint of water, sweetened with honey, is another very proper ptisan, as is also vinegar whey.

When nature verges towards a secretion, sweating, or at least a warmer regimen, becomes necessary to help on a crisis : depuration is the work of nature ; if she is languid, assist her with cardiacs, aromatics, and volatiles : then blisters are highly proper (especially to the corpulent) to quicken the circulation, dissolve the

viscid and too bulky sanguineous corpuscles, and to forward secretion through the miliary glands.

When the fever is subdued, let the patient take that which affords the smallest employment for the chylo-poietic organs, with antiputrescents, salts and acids: whatever food is allowed should be given in small quantities and often repeated: spoon-meats, broths, panada, bread pudding, and such like. It is a fortunate circumstance that persons, while a fever continues, seldom feel any inclination to eat; for the chyle cannot then be properly elaborated. After the ravages of a fever, and to remove that distressing languor which arises from too profuse evacuations, nothing is so proper as strong boths, drank as frequently and as plentifully as the stomach will bear. I have often enjoined the use of them, though the pulse continued quick and ticking, while flushings and partial heat remained, and the patients were thought to be at the last gasp, with amazing success.

If a vehement craving is manifested of *something particular* to eat, and it be often requested, let it be what it will, it ought not to be refused: in the decline of fevers there seems to be something in these untoward hankerings of nature similar to that depravation of appetite in the chlorosis or green sickness, where the eager desire of chalk and tobacco pipes is by no means, as some suppose, the cause of their disorder, but the predominant acid in their stomach (the primary disorder), which naturally instigates them to feed on such things.

The cure. If the strength of the patient will bear it, let him be bled.

Cooling clysters may be administered with great opriety, as,

Take of Pure nitre, two drachms,
Honey of roses, one ounce,
Sweet whey, seven ounces,

Make it a clyster. It will be found no inconsiderable

help (especially for children) to bathe the feet and legs with warm water two or three times a day.

The following mixture may be drank at pleasure.

Take of Pure nitre, half an ounce,
Juice of lemons, seven ounces,
Cochineal, two drachms,
Water, a gallon,
Sugar, as much as you please,

Let it be made a mixture.

On the first appearance of a Fever the following bolus will generally answer and remove it in a few hours.

Take of Pure nitre,
Camphire, of each a scruple,
Conserve of wormwood, half a drachm,

Make it a bolus to be taken at night, and if necessary, to be repeated the next morning, the patient being confined to his bed till the sweat goes off.

Any Fever may be soon extinguished by the use of the following powders,

Take of Tartarized antimony, five grains,
White sugar (or nitre), a drachm,

Let them be well rubbed in a glass mortar, and be divided into six powders; one to be taken every three hours, notwithstanding the nausea the first may possibly occasion. If they bring on a diarrhœa, they should be still continued, and it will soon cease.

If these are taken (which is most commonly the case) without any manifest inconvenience, let there be seven grains in the next six powders; and in the next, ten. Here I beg leave to retract what I said in some former editions of this work, viz. that till sickness and vomiting was excited, this noble medicine was not to be depended on. For I have since seen many instances wherein a paper has been given every three hours (of which there have been ten grains in six powders) without the least sensible operation, either by sickness, stool, urine, or sweat, and though the patients had been unremittedly delirious for more than a week, with sub-

sultus tendinum, and all the appearances of hastening death, they have perfectly recovered without any other medicinal aid, a clyster every other day excepted. I have lately seen a great many cases similar to the above, and the tartarized antimony has invariably produced the same effect.

ARDENT FEVER.

AN Ardent Fever is attended with a preternatural and universal heat: if it is continual and ends in twenty-four hours, it is called Ephemera; if it should last longer, it is termed Causus, or Synochus.

The *putrid* Synochus, as the ancients called it, has for its concomitants a burning heat, vehement thirst, aversion from food, intolerable anxiety, a dry furred tongue, unnatural respiration, restless nights, and a crude, thick, or red urine without sediment.

The *cause*, as has been already remarked, is irritation. If that which ought to be expelled from the body is retained within it, a consequential putrefaction ensues, from whence the putrid synochus and other putrid diseases proceed.

The *diagnostics*, or pathognomonic symptoms, are intolerable thirst, prodigious heat over the whole body, the tongue dry, rough, yellow or black; straitening of the lungs, consequently difficult and laborious respiration, quickness and hardness of the pulse; pain in the head, flame-coloured urine, costiveness, anxiety about the præcordia, constant waking.

The *prognostics*. It is most commonly mortal on the third or fourth day, or resolved by a discharge of blood.

The face red and clammy; the urine thin, small in quantity, black or bloody; the glands about the ears swelling, but not suppurating; spasmodic constrictions of the bronchia, all forebode great danger.

But if the patient snatches, fumbles with his fingers, gathers up the bed-clothes, seems to pick straws, drops involuntary tears; if purple or livid spots appear, if the hypochondres are inflated, the extremities cold, with catchings of the breath, insensibility, cold sweats, hiccoughs, rattling in the throat;—any of these are dangerous symptoms, and most of them generally quick forerunners of death.

The *cure*. Assist nature in her efforts to expel the morbid matter in the same method whereby she attempts to do it, whether by blood-letting, vomiting, sweat, or urine. Give great quantities of diluting liquids. Draw off blood from a *large orifice* as soon as possible, and repeat the operation according to the indication of symptoms, though after the third day a discharge of blood cannot be permitted with propriety.

If the vital strength has been indiscreetly reduced by a too frequent use of the lancet; on recovery, give cordial medicines, volatiles, and strong broths.

When the fever abates, give the Peruvian bark. The medicines which have been found successful in the cure of Ardent Fevers are to be met with below, either of which formulæ may be adopted according to the discretion of the practitioner, or the tartarized antimonial powders recommended under the article, **FEVERS IN GENERAL.**

Take of Pure nitre, two drachms,
Compound powder of contrayerva,
Calcined antimony, of each one drachm,

Make into six powders. One to be taken every three (or two) hours. Or,

Take of Prepared kali,
Pure nitre, of each a scruple,
Pure water, an ounce,
Spirit of nutmeg,
Juice of lemons, of each two drachms.

A draught to be taken every third hour. Or,

Take of Acetated kali, half a drachm,
 Pure nitre, fifteen grains,
 Pure water, an ounce and half,
 Spirit of nutmeg, two drachms,
 Compound spirit of ammonia, twenty-five drops.

A draught to be repeated every three hours.

The use of cordial medicines is not to be dispensed with even in disorders arising from a plethora; for if nature is not kindly supported, she cannot free herself from such disorders; add to which, the languor arising from necessary evacuations is sometimes fatal for want of proper strengtheners and nutritious restoratives.

INTERMITTING FEVER.

AN intermitting Fever (or ague) is one that returns after the patient is wholly free from it for one, two, or more days, with fresh and increased severity.

The causes. A viscosity of the arterial fluid, occasioning a quicker and stronger contraction of the heart; an obstruction or unequal distribution of the vital heat; a predominant acid in the primæ viæ; so that the cause seems rather to originate in the nervous influence, for the bark will expel this disorder, and the same drug is equally efficacious in the removal of hysteric passions.

The diagnostics. A sluggishness, sensation of lassitude, cold shivering, quaking, paleness of the extremities, difficult respiration, anxiety about the præcordia, nausea, vomiting, pain in the back, loins, and limbs, the pulse quick and small, the urine thin and crude, then follow heat, flushings, redness, strong pulse, intense thirst, violent pain in the head and the urine red as in a continual fever; afterwards the patient falls into a profuse sweat, the symptoms remit, the urine grows thick, with a sediment like brickdust; sleep and feebleness succeed.

The *prognostics*. Sometimes it changes its marks, and is converted to a dangerous continual fever; but this is peculiar to plethoric habits. Sometimes it ends (in cachetic habits, or if not treated scientifically) in a dropsy, jaundice, consumption, or schirrous tumours of the abdomen; though these disorders may with more propriety be imputed to *bleeding*, than be numbered among the natural consequences of intermittents. If properly managed, it may be subdued with great ease.

The *cure*. If plethoric, which is very rarely the case, bleed. If there is much nausea, furriness of the tongue, a bitter taste in the mouth, or frequent retchings, give a puke immediately. The following repeated every morning, will be *alone* sufficient to remove most intermittents.

Take of Blue vitriol,
Antimony tartarized, of each eight grains,

Make into three powders. Let one be taken early into the morning, fasting, in a large spoon about half full of water: let the patient strain, but drink nothing with it till he ejects some yellow or greenish matter; if his sickness does not then go off of itself, half a glass of brandy should be taken; if that should come up immediately, the repetition of it will settle his stomach, and he may then go about his usual business.

If this method should be objected to, the bark may be administered as follows, with certainty of success.

Take of Red Peruvian bark, two scruples,
Crude salt ammoniac, five grains,
Syrup of orange peel, as much as will make it
into a bolus,

To be taken every third or fourth hour, during the absence of the hot fit, washing it down with a glass of port wine, or (which is a very elegant method of dispensing it),

Take of Red bark, one ounce,
Extract of liquorice, two drachms,
Oil of sassafras, half a drachm,
Mucilage of gum arabic, as much as will make
it into an electuary.

The size of a walnut to be taken three or four times a day, during the intermission.

If the patient suffers under great weakness, a chalybeate ought to be joined with the bark, as,

Take of Red bark, an ounce,
Green vitriol, a drachm and a half,
Mucilage of gum arabic, enough to make it an electuary.

Dose, the quantity of a nutmeg, three or four times a day in the time of intermission.

Should the bark be importunately objected to, either of the following formulæ will be found to answer expectation; the first is most proper for them whose hot fits are the longest.

Take of Prepared kali, two drachms,
Pure water, seven ounces,
Spirit of cinnamon, an ounce and a half,
Water of ammonia, half an ounce,
Tolu syrup, an ounce.

Of this mixture, let three large spoonfuls be taken every three hours, with a draught of camomile tea.
Or,

Take of Elecampane root,
Flowers of sulphur, of each an ounce,
Syrup of orange peel, enough to make an electuary.

Dose, the size of a walnut, thrice a day.

As helps to hasten the cure, a tea-spoonful of one of the following bottles of drops may be given with either of the above medicines, twice or thrice a day.

Take of Water of kali, six drachms,
Water of ammonia, two drachms,

Make into drops. Or,

Take of Compound tincture of gentian, six drachms,
Diluted vitriolic acid, two drachms, as before.

Or, Tincture of muriated iron, twenty drops twice a day.

N. B. The flowers of sulphur (in costive habits) given in large quantities, as a table-spoonful two or three times a day, will remove most agues.

PLEURISY.

A PLEURISY is an inflammation of the membrane that lines the ribs, or of the intercostal muscles; the first is called the *true*, the latter the *spurious*, or bastard pleurisy.

It attacks all parts of the pleura, and sometimes the mediastinum. It rarely, if ever, invades children or those who have a predominant acid in their stomachs. If owing to another disease, it is called *symptomatic*; otherwise *idiopathic*.

The *cause* is that which determines matter to the pleura; or a metastasis of matter from other disorders, or *that* of ulcerous swellings, absorbed by the lymphatics; or whatever is the cause of the inflammation; as, exposing the naked body to the cold air after exercise; drinking cold water when hot; a blow, a fall, a bruise; neglect of usual exercise, or customary evacuations; carrying weight disproportionate to the strength; inflammatory disposition of the blood; a plethora.

The *prognostics*. If a spitting of blood takes place within three days, it is a sign that the disease will not be of long continuance; if later, it will be more tedious: if a spitting do not come within fourteen days, the consequence will be an empyema and tabes. If it appears mild on the fifth day, and is aggravated on the seventh, it generally proves mortal. The fifth day is often the last. If the spittle be of a dark brown colour, tough and thrown out with difficulty, it is a deadly symptom. The prognosis depends much on the respiration: if he fetch his breath quick and short, and the patient be really peripneumonic, though he seems hearty, speaks strong, and is in his perfect senses, yet in a few hours his disorder will terminate in death.

If a whitish tough buff should appear on the surface of the drawn blood, or if it be a relapse, the case is dangerous.

If a white light spitting is thrown off, and the fever is not very high, the heat equally distributed throughout the whole body, the thirst not very intense, the spitting out performed with ease, the spirits not sunk, the dozes easy, and finish without starting; these are all good signs, and where they appear, the cure is not difficult.

The cure. Begin with blood-letting from a large orifice, to be repeated as there is occasion, but not after the disappearance of the white crust. Give plentifully, and as often as possible, of diluting liquids, blood-warm, particularly Rhenish wine-whey, or any of those recommended under the article, Fevers in General.

The tartarized antimony powders under that article are not to be omitted. In the interim, viz. two hours after each powder, *i. e.* every four hours, let one of the following draughts be given.

Take of Spermaceti (dissolved in a little of the yolk of an egg), half a drachm,
Pure nitre, a scruple,
Pure water, an ounce,
Tolu syrup, two drachms,
Water of ammonia, thirty drops. Or,

Take of Acetated kali, half a drachm,
Pure nitre, a scruple,
Purified salt of amber, seven grains,
Pure water, an ounce and half,
Syrup of marsh-mallows, two drachms.

If the form of a bolus is more agreeable,

Take of Pure nitre,
Olibanum, of each a scruple,
Camphire, ten grains,
Balsam of Peru, ten drops,
Oil of juniper, five drops,
Syrup of marsh-mallows, enough to make them into a bolus. Or,

Take of Pure nitre,
Rattlesnake root, of each a scruple,
Opiate confection, enough to make a bolus.

To render expectoration easy, and appease the cough, let one of the following medicines be used, viz. Twenty drops of balsam of copaiva on sugar, twice or thrice a day, which has no heating quality, as some suppose, but, on the contrary, lowers the pulse; I have seen admirable effects from it. Or a tea-spoonful of volatile liquor of hartshorn, which is an excellent attenuant, or a tea-spoonful of spirit of nitrous æther, either of these to be given in water, two or three times a day. This linctus to be allowed at pleasure, to abate the violence of the cough.

Take of Conserve of roses, half an ounce,
Juice of Seville oranges,
Oil of olives, of each an ounce,
Syrup of white poppies, two ounces,

Make it a linctus.

As topical applications are extremely necessary to remove the pain, and discuss the thickened fluids, the reader is here presented with various forms which have proved efficacious, though, perhaps, a blister on the part pained is as eligible as any of them.

Take of Water of ammonia,
Oil of olives, of each half an ounce,

Make it a liniment, with which the affected side should be often bathed. Or,

Take of Linseed oil, an ounce,
Camphire, half an ounce,
Oil of aniseed, a drachm,

Make it a liniment. Or, apply the simple plaster, or the cummin cataplasim. Or,

Take of Fænugreek,
Cummin seeds, of each an ounce and half,
Linseed meal, an ounce,
Honey, two ounces,
Oil of olives, enough to make it a poultice.

Or cupping, with scarification.

QUINSY.

A QUINSY, or Angina, is an inflammatory fever, owing to a defluxion upon, or some injury done to the thorax, fauces or lungs, which occasions a difficulty of swallowing or breathing.

It sometimes appears without any sign of a tumour, external or internal, and is then owing to a spasmodic constriction, and requires the same treatment with the suffocating catarrh. That which is the object of present consideration is, when there is a real tumour in some part of the organs of the fauces, tonsils, or circumjacent muscles.

It is usually divided into four species, viz. *Cynanche*, when the internal muscles of the larynx are affected without an apparent tumour; *Paracynanche*, when the external muscles of the larynx are affected without apparent tumour; *Cynanche*, when there is an internal tumour impeding respiration; *Paracynanche*, when the external muscles of the fauces are inflamed with a tumour: there are also other species of it, such as the watery, schirrous, suppuratory, gangrenous and convulsive, as well as inflammatory Angina.

The cause. Stagnation of a vitiated fluid in the vessels, from whence arises a compression of the muscles, as must be the case in all inflammations. The obstruction of insensible perspiration may occasion this.

The diagnostics. Difficulty of swallowing, laborious respiration, stiffness of the neck, pricking pains about the cheeks, danger of suffocation, a violent fever, sometimes with and sometimes without a tumour.

The prognostics. If no swelling appears, it is dangerous. If the tumour is large and respiration very difficult, present help must be afforded; for if the patient is not soon relieved, suffocation will ensue.

The cure. The regimen must be the same as in ardent or other inflammatory fevers; for we treat not under this head of the pituitous Angina. Let blood be drawn

from the arm, the jugular, or the sublinguals, according to the strength of the patient. The part affected may be touched with the honey of roses, rendered acrid with vitriolic acid. A lump of sugar soaked in camphorated spirit of wine may be suffered to dissolve slowly in the mouth. Use appropriate gargles, liuctus; warm plasters, for warmth mollifies and discusses; blisters, clysters, gentle purgatives, and if nothing else will avail, bronchotomy, which may be performed with the utmost safety: were it otherwise, such cases as these would warrant the most hazardous enterprise that could afford the least gleam of hope.

I shall now offer some medicines to the choice of the practitioner, the use of which has been attended with success. Seven drops of oil of amber on a lump of sugar, to be kept in the mouth without moving till dissolved: this has often produced an amazing effect.

Take of Long pepper, an ounce,
Winter's bark,
Cloves, of each half an ounce,

Boil in a pint of new milk, and let the vapour be received into the mouth through an inverted funnel.

Take of Barley water, half a pint,
Rose-water, an ounce,
Honey of roses, two ounces,
Pure nitre, half an ounce:

For a gargle to be held in the mouth till it grows warm, and then to be spit out; to be used every three hours.

Take of litharge plaster, enough to be spread on a piece of soft leather, that may reach from ear to ear.

Take of Pure water, four ounces,
Honey, two ounces,
Spirit of wine camphorated, half an ounce,
Spirit of scurvy-grass, two drachms,
Water of ammonia, a drachm and half,

For a gargle to be used every three hours.

Take of Florentine iris root, an ounce,
 Flowers of sulphur,
 Long pepper, of each a drachm and half,
 Oil of wormwood, a drachm,
 Rectified spirit, enough to make a plaster, to be
 applied warm.

Give the tartarized antimony powder. See FEVERS
 in General. Or,

Take of Prepared kali,
 Pure nitre, of each a scruple,
 Cochineal, five grains,
 Pure water, an ounce and half,
 Compound spirit of ammonia, twenty-five drops.

A draught to be taken every three hours.

Take of Acetated kali,
 Pure nitre, of each a scruple,
 Volatile salt of hartshorn, seven grains,
 Pure water, an ounce and half,
 Spirit of nutmegs, two drachms,
 Sugar, as much as will make it palatable, for a
 draught, to be taken every three hours.

Twenty or thirty drops of either of the following
 may be used as auxiliaries, three or four times a day.

Spirit of vitriolic æther,
 Spirit of nitrous æther,
 Volatile liquor of hartshorn.

PERIPNEUMONY.

A TRUE Peripneumony is an Inflammation of the
 Lungs; the parts affected are the bronchial or
 pulmonic arteries, or the lateral lymphatics; the blood
 being either obstructed in the former, or driven for-
 ward into the latter.

The cause. Any thing that is the cause of an in-
 flammation, which has been already assigned under
 the articles Fevers in General, and Pleurisy.

The *diagnostics*. A small, sometimes soft, always unequal, tremulous, and frequently double-beating pulse; swelling of the eyes and cheeks; a little frequent, and somewhat wheezing, respiration; redness of the face, delirium.

The *prognostics*. It terminates, like all other inflammations, in health, another disease, or death.

In *health*, if a plentiful yellow spitting comes on; or even if the spittle be bloody; if the breathing begins to be performed with greater facility.

In *another disease* (as vomica or abscess) if the inflammatory matter cannot be resolved within fourteen days, as may be known by the cessation of pain, while the difficulty of breathing remains, the cheeks and lips reddening, with a soft, weak, and tremulous pulse.

In *death*, if both lobes of the lungs are affected at the same time; if a constant drowsiness takes place, with grievous depression of spirits; frequent shedding of tears; complaint of heat in the throat, coldness of the extremities, unabating delirium.

The *cure* is various, according to the different state of the disease and symptoms. Rest of body, and a little dissipation of mind, are highly requisite; as also are baths, vapours, clysters, mild purges; medicines, such as in pleurisy, with which, in every respect, the treatment should be nearly similar, blood-letting excepted, which must be used sparingly, and with the utmost caution. Boil elder flowers, mallow leaves, and flax-seed, in milk, and let the vapour be received into the mouth by means of a funnel.

When the matter is resolved and absorbed by the re-fluent blood, great care must be taken that it do not settle on some noble part; for which purpose give attenuants, resolvents, demulcents, diluents, absorbents, diaphoretics, diuretics, or cathartics, pursuing that method of expulsion which is pointed out by nature. I

shall now, according to custom, propose some remedies, the efficacy of which has often been experienced.

For common drink, let the compound decoction of barley be given ; or the next,

Take of Barley decoction, a pint,
Simple oxymel, two ounces,
Pure nitre, half a drachm.

The breast should be often bathed with the following embrocation three or four times a day at least ; I have seen marvellous advantage from it.

Take of Tincture of opium,
Vinegar, of each an ounce,

Make a fomentation, to be used cold.

Take of Balsam of copaiva, an ounce.

Let ten drops be taken on sugar, three or four times a day : whatever else is given, this is not to be dispensed with. A linctus may be used at pleasure, as,

Take of Conserve of hips, half an ounce,
Oil of sweet almonds, an ounce,
Tolu syrup, two ounces.

Take of Spermaceti (dissolved in the yolk of an egg), a scruple,
Pure nitre, ten grains,
Pure water, an ounce and half,
Tolu syrup, a drachm,
Compound spirit of ammonia, twenty-five drops,

Make a draught to be taken every two hours.

Take of Acetated kali, half a drachm,
Purified salt of amber, seven grains,
Cochineal, five grains,
Pure water, an ounce and half,
Tolu syrup, a drachm.

Make a draught to be taken every fourth hour.

PHRENITIS.

A PHRENITIS is an Inflammatory Fever, attended with a constant and fierce delirium.

The cause. An inflammation of the brain, or its *membranes*, or of the septum transversum. If it arises from a primary affection of the brain, it is called *idiopathic*; if the brain is secondarily affected, *symptomatic*.

The diagnostics. The absurd behaviour of the patient; incoherent, wild, or unmeaning discourse; redness, rolling, and glaring of the eyes; throbbing, and a tremulous motion of the temporal artery, a constant drowsiness, without being able to sleep.

The prognostics. The true Phrenitis is generally mortal on the third, fourth, or seventh day at farthest. If it do not come to its height on those days, it will terminate in a lethargy, or incurable madness. In old men, and when it originates from an inflammation of the ilium, or lungs, it is mortal. White stools, or white urine, are the harbingers of death. Æruginous vomiting, spitting at the by-standers, gnashing or grinding of the teeth, or snatching of the bed-clothes, are the forerunners of a dissolution. If accompanied with laughter, if a gentle sleep comes on, or the delirium abates at times, a recovery may be expected.

The cure. It is to be taken from an inflammation in general. Open the jugular vein, or (which is preferable) the temporal artery. Give mild purgatives, as tamarinds, salts, &c. diluting nitrous draughts, clysters two or three times a day; apply emollient fomentations to the anus; if it swells, wash with rectified spirits of wine. A fomentation should be frequently used to bathe the whole head with, as,

Take of Camphorated spirit,
Compound tincture of lavender,
Vinegar, of each an ounce.

Bathe the feet and legs frequently with the *fotus communis* warm. After proper evacuations, apply blisters to the feet, which have often exceeded my expectation.

Opiates.

Take of Tamarinds, two ounces, boil in a pint and half of water, strain, and then add,
 Currant rob,
 Glauber's salt,
 Juice of lemons, of each two ounces.

Of this mixture let a tea-cupful be taken every hour till a purging takes place.

Take of Salt of hartshorn, a scruple,
 Spermaceti (dissolved in the yolk of an egg),
 fifteen grains,
 Purified salt of amber, ten grains,
 Pure water, an ounce and half.

Let the draught be repeated according to the urgency of symptoms. Or,

Take of Pure nitre, half a drachm,
 Camphire, ten grains,
 Purified opium, three grains,
 Aromatic confection, enough to make a bolus.

Take of Camphire, a scruple,
 Æther, half an ounce.

Let it be put into a spoon, and swallowed as quick as possible.

PARAPHRENITIS.

A PARAPHRENITIS is an Inflammation of the Diaphragm. This disease is sometimes mistaken for another, which is nothing surprising, for it requires no small degree of wisdom and medical skill to discriminate an affection of the stomach, kidneys, liver, or pancreas, from that of the midriff.

The *cause* is the same as that of other inflammations.

The *diagnostics*. An acute continual fever, attended with an inflammatory pain, which is greatly increased by every inspiration, or coughing, or sneezing, or evacuations of the excrements or urine ; a sensation of fulness in the stomach, nausea ; deep, quick, small, and painful respiration ; perpetual, but not violent, delirium, frequent laughter, *Risus Sardonicus*, great anxiety of the præcordia, difficulty in swallowing solids, convulsions, hiccoughs.

The *prognostics*. This disorder is always extremely dangerous. If the diaphragm suppurates, the pus either falls into the cavity of the abdomen, or, breaking upwards, produces an empyema. In all other respects the prognostics are the same as in the pleurisy.

The *cure*. Clysters may be administered every hour, even if the bowels become paralytic ; for they will easily and soon recover their natural tone without medical assistance. When pus is collected and matured, it must be evacuated. Endeavour to abate the inflammation by bleeding, and an antiphlogistic regimen, proceeding exactly in the same method as you would treat a pleurisy, which see.

MADNESS.

MADNESS is a total privation of the due exercise of reason, from some accidental injury to the organs of thought.

The *cause*. A preternatural collection of the vital heat or nervous influence in the brain, with some impediment to its usual course from thence along its nervous conductors. It is justly called, by *Galen*, *intemperies ignea cerebri*. Its principal seat seems to be in the cortical, while the usual determination of it to the medullary part of the brain is prevented ; consequently the cerebellum not equally participating of this enlarged quantity of heat, the exit of more than the customary quantity by the par vagum to the heart is pre-

cluded ; for this disorder is sometimes attended with little or no fever.

The *diagnostics*. A languid redness of the face, wildness and rolling of the eyes, ghastly staring, mischievousness, absurd discourse, a plethora.

The *prognostics*. If attended with laughter and raving, it is easier to be removed than if accompanied with sober, steady, studious fixedness of the thoughts on a particular object. There are few cases, even if hereditary, which will not yield to a proper method of cure.

The *cure*. Remove the vital heat from the cerebrum, and empty those vessels which prevent the usual influx by the par vagum. Open a vein : if a fever takes place, it is a good sign, as I have often observed ; this operation should be frequently repeated, for no persons can bear the loss of blood better than maniacs, nor is there any case in which it is so necessary to draw it off, and so many times. After due evacuations, apply blisters, particularly to the head. Strong purges should be given, and emetics can scarcely be exhibited too often. Hence note, that disorders in the head by no means contra-indicate the use of vomits.

In this declination of this distemper, the greatest care and attention must be paid to all the non-naturals, to preclude a relapse, which is not uncommon where these are neglected. The cold bath is then peculiarly serviceable, as is also the plentiful use of broth, which last is not improper, either in the *beginning*, *increase*, or *state* of this distemper.

Take of tartarized antimony, seven grains. Let this powder be repeated every hour till it vomits. I have known six of them taken without any sensible effect. Five grains, at least, should be given every day, and the use of the following draught continued for a considerable while.

Take of Prepared kali, two scruples,
Pure water, an ounce and half,

Make a draught, to be taken twice or thrice a day.
See HYPOCHONDRIA.

Practical Observations on Inflammatory Cases.

IT has been observed by some ingenious physicians, that inflammatory disorders are by no means so common to be met with as they used to be: to assign the preventive reasons would be no easy matter, for mankind do not seem to be much more sparing in the indulgence of their appetites, more averse from wine, or more discreet in their regimen, than their forefathers were. May it not, with greater propriety, be attributed to the increased accuracy and precision wherewith practitioners discriminate diseases, who are not so apt, as they were formerly, to impute every pain or flushing heat to an inflammation? The rapid improvements made in the medical art, within these few years, have occasioned even the abolition of several diseases, whose imaginary existence exceedingly puzzled our ancestors.

Another observation, which is equally just and melancholy, is, that, when inflammatory disorders appear, they have, generally, a fatal termination. Is it not possible that this may, in some measure, be owing to a too hasty and frequent repetition of blood-letting? Nature will exert amazing efforts to relieve herself, when the *vis vitæ* is not much impaired; and I cannot help expressing my apprehensions, that, in those cases in which bleeding is absolutely necessary, it may yet be pursued so far as to incapacitate nature for carrying on the animal functions. For these ten years past I have not lost one patient by an inflammatory fever, yet never ordered blood to be drawn more than *once* in any case, maniacal ones excepted.

As there are several other inflammatory disorders which have not been noticed in the preceding pages, it may not be amiss to observe, that a similar, if not the same, treatment is equally proper for them all. Some, indeed, as has been instanced in the peripneumony, require a more sparing use of the lancet than others. It is to be feared, that to a too liberal use of this instrument mortification may be ascribed, which so often supervenes an inflammation, as that of

the ilium, easily discovered by the hasty removal of the pain. When there is no inflammation or inflammatory disposition of the blood, nothing can exculpate the practitioner for drawing blood; this would be a wanton waste of the most useful and important of all fluids, and the most necessary for the support of animal life; but even in *these* cases the utmost caution is requisite, lest a putrid disorder should be manufactured from an inflammatory one. It is not an uncommon (though often an irretrievable) error, to mistake an obstruction, or acrimony, or serous tumor, for an inflammation, which, if *real*, is—*when the real particles of the blood are forced into the lymphatics*, and cannot possibly exist without its pathognomonic symptoms, viz. violent and universal heat, parching thirst, and restlessness, as well as pain in the inflamed part. Inflammatory disorders are far from being common, and many diseases are too often groundlessly ascribed to this cause. That the too precipitate use of the lancet has produced dreadful consequences, I have, in numbers of instances, been a sorrowful and unavailing witness to. How many have been hurried off the stage by being bled for a pain in the side, owing to an incipient ulcer in the lungs! There are various sorts of fevers, which mimic those of the ardent kind, in which blood-letting must be abstained from. I was in a country one autumn where one of those anomalous fevers raged, which spread only through a circle of six or seven miles diameter: it resembled, in every respect, an ardent fever, the pulse only excepted, which was neither hard nor full: every one who was bled died, and every one who was not bled recovered; it never changed its distinguishing marks, though it commonly continued seventeen days. Those who took the tartarized antimony seemed to be soon freed from all febrile symptoms, yet remained weak, uneasy, and greatly out of order, without being able to tell their complaint, as long as the rest. The antiphlogistic method was pursued with them all: nitre, prepared kali, and such like, were the medicines administered, and with success; yet blood-letting, *once* used, always proved fatal.

The peremptory axiom of the famous Dr. MEAD, viz. "*in omni febre phlebotomia prius est instituenda,*" (in every species of fever begin with blood-letting), is certainly not true, nor warranted by experience.

In plethoric habits, or in *real* inflammations, from what has been observed, the reader may easily perceive what method is requisite for the treatment of any inflammatory case, in *whatever* part the inflammation may be situated.

When the pain is very intense, opiates may be safely and happily administered ; of this I have given but few instances in the foregoing sheets, that no countenance might be given to the indiscriminate use of a medicine, where a perfect knowledge of the case, and the discreet direction of a skilful hand, are absolutely necessary.

In painful spasmodic constrictions of the capillary vessels, opiates are undoubtedly required : of all the various pretences to be their *correctors*, I believe none so well deserves that name as the prepared kali.

ERUPTIVE FEVERS.

SMALL-POX.

THE Small-pox is a fever of the malignant and contagious kind, attended with a general eruption of particular pustules, affecting the human species only, and each individual but once. The variolous pustules in time become sanious, but those in the measles appear red, dry, and branny, without suppuration.

The *cause*. It seems to be born with us, and to lie hid until some violent exagitation of the blood, from the introduction of a variolous particle, raises the seminal ferment, and occasions the appearance of those eruptions.

The *diagnostics*. A frequent and strong pulsation of the *brachial* and *temporal* arteries ; redness of the eyes, pricking pains in the skin, severe pains in the head, back, and loins ; a febrile heat, greatly increased in three or four days ; with thirst, vomiting, palpitation of

the heart, difficult respiration, tremblings, cold shivering, delirium, convulsions, restlessness, hoarseness, fixedness of the eyes, a ptyalism, purple spots; bladders full of clear water, commonly called the white hives. The pustules usually appear on the third and fourth day, and arrive at their *state* on the ninth or eleventh, in the distinct sort; in the confluent, they break forth on the fifth day, and continue till the fifteenth or twenty-first.

The *prognostics*. When the pustules come out suddenly, first red, then white, broad, round, few, distinct, plump, and sharp at the top, there is little danger. If preceded by convulsions in children, it is a good sign. If they come out irregularly, or immediately disappear, are exceedingly small, confluent, or shew black spots, or a dent in the middle; if attended with a diarrhœa (in adults), difficult respiration, dry husky cough, bloody stools or urine, continuing delirium, colliquative evacuations; these are all very bad symptoms, and most of them deadly. Adults suffer most. Pregnant women generally miscarry.

The *cure*. Blood-letting can rarely be used to advantage in any disorder attended with cutaneous eruptions: however, if a lean, plethoric body should be invaded, and the pulse hard, the lancet becomes necessary. The body should be kept open, the vis vitæ supported; let the patient have a constant accession of fresh air in his chamber, a clean shirt every other day at farthest, which may, in the worst cases, be allowed without any hazard; for common drink, apples boiled in water, or milk and water, equal parts; or wine-whey, or cyder-whey, or vinegar-whey, or barley-water made acid with spirit of nitrous æther, or spirit of vitriolic æther, or the compound barley decoction: the more he drinks, the better. In the confluent sort, there arises a ptyalism in adults, and a diarrhœa in children, either of which ought to be encouraged.

To prevent a secondary fever, give gentle purges, to be repeated as the strength will bear, at the distance of two, three, or four days, until five purges have been given. After the thirteenth day, the patient

may drink plentifully of warm small beer. If the saliva be tough and clammy, or molests by its excess (as it will sometimes take the skin off the parts), use proper gargles, syringings, or masticatories. The diarrhœa in adults, on the first irruption, should be restrained by opiates. To preserve the face from disfiguration, previous to the appearance of the eruptions, or while they are coming out, the extremities may be bathed with warm milk, or semicupia of the same may be used. The cooler the patient is kept, the fewer the pustules will be.

Emetics are of great service in the beginning. Clysters may be given occasionally : in cases when the patient is very low, on the approach of a crisis, a good effect may be reasonably expected from blisters. An opiate may be administered every night in the confluent sort, and ought to be, if the patient is not lethargic, such as,

Take of Pure water, an ounce,
Tincture of castor, twenty-five drops,
Tincture of opium, fifteen drops,
Compound spirit of ammonia,
Compound tincture of lavender, of each thirty drops,
Syrup of white poppies, half an ounce.

A draught to assuage the pain to be taken every night if necessary. A linctus is a very convenient and agreeable form to convey a medicine that may increase the ptyalism, and at the same time prevent its being troublesome. The following is extremely desirable, and may be taken as is required, with equal pleasure and advantage :

Take of Conserve of hips, half an ounce,
Tolu syrup,
Oil of olives, of each an ounce,
Vitriolic acid, enough to render it a gratefully acid linctus.

If, after recovery, there seems to be a tendency to a consumption, removal is necessary into a warm, dry air, and the regimen should be pursued that is recommended under that article. To prevent pitting, let this liment be applied to the face three or four times a day :

Take of Camphire, two scruples,
Spermaceti, half an ounce,
Oil of olives, an ounce,

Make it a liniment.

It is scarcely necessary to observe, that if a spitting of blood should appear in the decline of the disease, the use of the bark is necessary.

It is to be hoped, that in a little time the practice of inoculating children under three months old will become universal, and put an entire end to the ravages of this loathsome and dangerous disorder.

The following medicines have been peculiarly serviceable in some very alarming cases :

Take of Prepared kali, a drachm and half,
Pure nitre, half a drachm,
Pure water, six ounces,
Spirit of cinnamon,
Juice of lemons, of each an ounce ;
Tolu syrup, half an ounce ;

Of this mixture three spoonfuls to be taken every sixth hour. Or either of the following boluses may be given every sixth hour :

Take of Compound powder of contrayerva,
Mercury with sulphur, of each a scruple,
Castor, ten grains,
Tolu syrup, enough to make it a bolus.

Take of Mercury with sulphur, a scruple,
Snake-root,
Castor, of each ten grains,
Syrup of white poppies, enough for a bolus.

If a draught is more eligible, one of these draughts may be taken every six hours, viz.

Take of Acetated kali,
Aromatic confection, of each a scruple,
Pure water, an ounce and half,
Spirit of nutmegs, two drachms,

For a draught. Or,

Take of Calcined antimony, a scruple,
Pure nitre, ten grains,
Purified salt of amber, five grains,
Pure water, an ounce and half :

Make it a draught. Or,

Take of Kali tartarized, a scruple,
Pure water, two ounces,
Tolu syrup, a drachm,

For a draught.

SLOW, NERVOUS, and MILIARY FEVERS.

THE Slow Fever is so called from the gentleness of its progress, and length of its continuance.

The Nervous Fever receives its name from a supposed diseased quality in the nervous influence, or a relaxed state of the nerves themselves, which is just as imaginary as the other. To say the truth, *nervous disorders* is a mighty handy and convenient expression to conceal ignorance.

The Miliary Fever is so termed from the resemblance of its eruptions to millet seed.

They all proceed from the same causes, and require the same method of treatment.

The causes. A deficiency and unequal distribution of the vital heat; consequently, a declension of the powers of nature, a lentor, viscosity of the fluids; a relaxed state of the arterial system, or spasmodic constrictions of the capillary arteries, some error in regard to the non-naturals.

The diagnostics. Chills and flushings, weariness, nausea, prostration of the strength and spirits, listlessness, heat in the palms of the hands and soles of the feet (a certain sign of slow digestion), while all the rest of the body is cold, and emaciates fast: a sensation like cold water thrown down the back, the pulse quick, weak, and unequal, pale urine, coma, heat and dryness of the tongue, sometimes with and sometimes without thirst; miliary eruptions, anxiety, tinnitus aurium; cold, clammy, or colliquative sweats; convulsions, delirium, subsultus tendinum.

The prognostics. All the symptoms are increased towards night ; a tingling noise in the ears is generally the forerunner of a delirium ; a copious spitting or gentle breathing sweats are good signs ; profuse sweats are bad ones ; insensibility, twitchings of the tendons, involuntary evacuations of the excrements, urine, or tears, are preludes to death.

The cure. All evacuations are inadmissible, vomits only excepted ; sometimes very lenient clysters, such as medicines necessary are attenuants, restoratives, nervines, new milk and sugar, may safely be administered, if nature inclines to stool. Give mountain wine whey, meat broths strong as the stomach will bear ; jellies, panada, with spice, wine, or brandy in it : such things as these may be often offered, though ever so little is taken at a time ; the medicines necessary are attenuants, restoratives, nervines, and cordials. If the sweats are profuse, let warm napkins be frequently applied to the neck, breast and abdomen ; for though gentle sweats are of service, when they become profuse, they only tend to the dissolution of the patient in a double sense : in this case red port wine and water may be allowed. The neck and breast should be examined every day, for eruptions commonly appear in those parts first ; their portent is good, and point out the necessity of cordials.

Take of Ipecacuanha, three grains,
Antimony tartarized, one grain.

Let this powder be taken every morning, mixed with half a table spoonful of water : nothing should be drank either during the operation, or until the nausea goes off of its own accord. Many unexpected recoveries have been owing to this powder only. The following have been amazingly efficacious :

Take of Aromatic confection,
Castor, of each a scruple,
Precipitated sulphur of antimony, three grains,
Syrup of ginger, enough to make a bolus.

To be taken every fourth hour, washing it down with three spoonfuls of the following julep ;

Take of The camphire mixture,
Musk mixture, of each four ounces,
Volatile liquor of hartshorn, half an ounce. Or,

Take of Compound powder of contrayerva,
Musk, of each a scruple,
Tolu syrup, as much as sufficient to make it a bolus,

To be taken every sixth hour, washing it down with this draught :

Take of Salt of hartshorn,
Aromatic confection, of each a scruple,
Pure water, an ounce and half,
Spirit of nutmegs, half an ounce.

The bark, when proper.

PUTRID, MALIGNANT, and PETECHIAL FEVERS.

THESE may be classed together in the same manner with the last three, because they are each produced by similar causes, and require very little if any difference in the method of treating them: to this class also belong the jail or hospital fever, and the pestilence.

The *cause*. A putrescent acrimony, or infectious miasmata. The obstruction of insensible perspiration is no uncommon cause of putrid fevers ; for the retention of those particles within the body which ought to have been thrown out of it, may, and often does, occasion a speedy putrefaction, especially when there is the least predisposition in the fluids to such a dissolution.

The *diagnostics*. Pain in the temples or orbit of the eye ; the eye heavy, yellowish, or somewhat inflamed ; the face bloated, and of a cadaverous aspect ; faintness, difficult respiration, frequent sighing, wandering pains, the pulse small, sometimes quick ; and sometimes the same as that of a person in perfect health ; black

tongue, bitter taste in the mouth, crude vapid urine ; livid petechiæ, from the extravasation of grumous blood in the cellular membrane, black and blue spots, furred lips and teeth, little thirst, sores in the mouth ; tingling in the ears, pains in the loins and small of the back, violent diarrhœas.

The *prognostics*. A mild diarrhœa is serviceable ; the petechiæ florid, a smarting red rash, scabs on the nose or lips, watery vesicles, are all good symptoms. Black urine, or stools, small dusky spots, dun or greenish ; a ghastly efflorescence, large livid blotches, black spots, sweats profuse, cold, or clammy ; griping or bloody stools, coma, and coldness of the extremities, are all symptoms of an approaching dissolution.

The *cure*. The intestinal canal may be cleansed, and the drain kept open by small doses of rhubarb. The regimen necessary is much the same with that in the preceding chapter, particularly with respect to wine, though Rhenish is generally the most eligible, but in case of colliquative evacuation, red port is preferable ; give also freely of the vegetable and mineral acids, particularly the muriatic ; Peruvian bark, astringents, antiseptics, camphire and opiates. Let vinegar be frequently thrown on a hot iron in the room, and a little of the bark of cascarilla be now and then burned in it. Volatile alkalis may be used sparingly, but, throughout the whole stage of this disorder, withhold the lancet, as you tender the life of the patient. The formulæ subjoined have been peculiarly successful :

Take of Red bark, half a drachm,
Camphire, three grains,
Syrup of saffron, enough to make a bolus,

To be taken every fourth hour, drinking after it three table-spoonfuls of the following mixture :

Take of Pure water, six ounces,
Spirit of horseradish,
Vinegar, of each two ounces,
Sugar, as much as you please.

Or,

Take of Compound powder of contrayerva, two drachm
Tormentil root,
Myrrh, of each one drachm,

Make it into six powders; one to be taken eve
fourth hour, with the subsequent draught:

Take of Pure water, an ounce and half,
Lemon juice, half an ounce,
White sugar, enough to make it palatable.

Or,

Take of Red bark, half a drachm,
Opiate confection, from ten grains to half a
drachm,
Syrup of saffron, enough to make a bolus,

To be taken every sixth hour, and washed down with
the above draught. Or,

Take of Bark of eleuthria, half a drachm,
Winter's bark,
Myrrh, of each a scruple,
Syrup of saffron, enough to make a bolus,

To be used as the former.

The tartarized antimony powders and opiates, to re-
strain the diarrhœa, if requisite, or Norris's Drops.

PUTRID SORE THROAT.

THE Putrid Sore Throat is a disorder of the ma-
lignant kind, which has not been perfectly de-
scribed or known till within these few years.

The cause. A putrid diathesis of the fluids,

The diagnostics. Fulness and soreness of the throat,
a sensation of stiffness in the neck, redness of the arms,
hands, or breast; frequent sighing, nausea, anxiety
about the præcordia, languidness, great dejection, re-
peated sneezings, constant watchfulness, thin crude
urine, a pulse quick and small, bloated countenance,

swelling of the maxillary and parotid glands and tonsils, ulcerations, sloughing of the ulcers.

The prognostics. The prognostics depend on the progress of the putrescent acrimony, and on the respiration.

The cure. All evacuations are injurious, especially blood-letting. It requires a similar treatment with other putrid fevers, but is the least rebellious of them all, for the cure is not very difficult. As it is sometimes epidemical, the best preventive, perhaps, is to drink freely of red port; at a time when it was exceeding ripe, they who used this escaped the disorder. Cordials and gargles seem the only necessary aids, as,

Take of Aromatic confection, half a drachm,
Castor, a scruple,
Pure water, an ounce,
Spirit of nutmegs, two drachms.

A draught to be taken every fourth hour. Or,

Take of Aromatic confection, a scruple,
Snake root,
Castor, of each ten grains,
Syrup of saffron, enough to make a bolus,

To be swallowed every fourth hour.

Take of Compound barley decoction, an ounce,
Tincture of myrrh,
Red wine,
Honey of roses,
Vinegar, of each half an ounce,

For a gargle, to be used occasionally, or every two or three hours. Or,

Take of Gum arabic, two ounces,

Dissolve in one pint of water, for a gargle; to which may be occasionally added, as much vitriolic acid as is agreeable. If the ulcers spread or increase, add to the above solution four grains of muriatic mercury, dissolved in five drops of the muriatic acid. Beware of the use of nitre in this disorder.

THRUSH.

A PHTHÆ, or the Thrush, are little ulcerous tubercles, which affect the inside of the mouth, stomach, and intestines.

The *cause*. A saline, viscid, or acrimonious lymph.

The *diagnostics*. They appear first on the tongue, or in the corners of the mouth.

The *prognostics*. If white, transparent, thin, scattered, and superficial, they are of little consequence; if brown, opaque, black, thin, or run together, they forebode some danger. When they have passed through the body, and appear at the anus with excoriation, apply treacle.

The *cure*. Assist nature as in other fevers. They are often fatal to adults. Whether they, who escaped them in their infancy, are the only persons liable to be attacked by them, is, at least, doubtful. The treatment is the same with that of a miliary fever. The following gargle is excellent for infants, viz.

Take of Gum arabic, two drachms,
Lime water, an ounce and half,
Tolu syrup, two drachms.

It may be used every hour, and, if swallowed, can do no prejudice to the child.

Take of Pure nitre, a drachm,
Three whites of eggs,
Rose water, six ounces,
Tolu syrup, an ounce.

Let it be made a gargle for adults, to be used occasionally; or the following, which will answer the same purposes:

Take of Gum tragacanth, a drachm,
Pure water, seven ounces,
Honey of roses, one ounce,
Vitriolic acid, twenty-five drops.

MEASLES.

THE Measles require a treatment not much different from the small-pox. They are both natives of Africa.

The *cause*. Infectious miasmata sui generis.

The *diagnostics*. Small, dry, red spots, like flea-bites; they never suppurate, but arrive at their state in four days; an almost perpetual cough, weakness, soreness, or running of the eyes, swelling of the eyelids, running of the nose, convulsions.

The *prognostics*. It is not a dangerous disorder, if not rendered so by mismanagement.

The *cure*. Nature is the best physician in this case; nor does she stand in need of any medicines to assist her. Blood-letting appears to be highly improper, and is most certainly often productive of the most disagreeable consequences; I never ordered it in my life in this case, yet never lost *one* patient in the measles; nor, to say the truth, did I ever hear of one that died who was *not* bled. If convulsions precede or accompany the eruption, they are by no means a bad prognostic; the tincture of asafœtida may then be given with great advantage, fifteen or twenty drops three or four times a day. The linctus, under the article Small-pox, may be used at pleasure, as, in the small-pox, the little patient cannot be kept too cool. The drink may be cyder-whey, vinegar-whey, butter-milk, or, for weakly children, thin broth. Medicines are seldom necessary during this disorder; but, as soon as the eruptions begin to disappear, cathartics should be exhibited as in the small-pox, which, for obvious reasons, are necessary after all eruptive fevers. The subsequent drops are of great efficacy in removing the cough which so often remains after the measles:

Take of Balsam of copaiva, an ounce.

Let ten drops be taken on brown sugar, morning and

night; or it may be dropped upon a glass of water, and drank off immediately.

SCARLET FEVER.

THE Scarlet Fever is so called on account of the colour of the skin, or the large, red, vivid blotches in it.

The causes. Viscidity, acrimony, an unequal distribution of the vital heat; the protrusive force of the heart overcoming the resistance of the solids, wherefore children are most subject to it. It seems to be in some degree infectious.

The diagnostics. They appear from the definition.

The prognostics. If attended with anxiety, dejection, or oppression at the pit of the stomach, the liberal use of cardiacs is indicated. It is seldom dangerous if left to nature, without any officious interposition. To drink plentifully of diluting liquids, and to be kept cool, is all that is requisite. Many children have perished by the use of the lancet, which is intended to remove that straitness and suffocating sensation so common in this disorder; these do not originate from too great a fulness, but from the contrary. A little tartarized antimony and cordials are the most eligible remedies.

The cure. Let wine whey be given freely. The patient should not be kept warm: let his linen be shifted every day. After the third day one of the following formulæ may be used:

Take of Calcined antimony,
Acetated kali, of each a drachm,
Pure water, seven ounces,
Spirit of nutmegs,
Tolu syrup, of each an ounce,

A mixture, one or two spoonfuls to be taken every sixth or fourth hour. Or,

Take of Aromatic confection, two drachms,
 Calcined antimony, one drachm,
 Purified salt of amber, a scruple,
 Pure water, seven ounces,
 Spirit of nutmegs, two ounces,
 Tolu syrup, an ounce.

A mixture, of which two spoonfuls may be given every fourth or third hour.

Take of Spirit of nitrous æther, an ounce.

Let twenty drops be given in every draught of liquid that the patient takes.

PHTHISIS.

A PULMONARY Phthisis, or consumption, is owing to an ulcer in the lungs, whereby the whole body is gradually emaciated and consumed.

The cause. That (whatever it is) which occasioned the stagnation of the blood in the lungs, till it is converted into purulent matter: this may be owing to a tenderness of the arterial vessels, an acrid blood, weakness of the fibres of the viscera, long neck, straight breast, depressed shoulder blades, an ulcer in the liver, spleen, pancreas, kidneys, mesentery, or uterus, a metastasis of matter, neglect of customary exercise.

The diagnostics. A slight fever, generally increased towards evening; too great, but particular, heat; flying stitches, hectic flushing, pain in the stomach or breast, pain in the side, the patient lying with most ease on the affected side; hereditary disposition, the age from sixteen to thirty-six; indigestion, frequent spitting; night sweats, particularly profuse towards morning, sensation like cold water thrown down the back, diarrhœa, a bloody, frothy, or fœtid spittle, wasting of the flesh, languor, lassitude, peevishness, great unevenness of temper, sudden starts and bursts of joy terminating in tears; or crookedness and lividness of the nails, quick and uninterrupted respiration; a

teazing and almost incessant cough, worst in the night, aversion from food, facies Hippocratica.

The prognostics. An hereditary phthisis is the most dangerous. If the cough is very troublesome, the respiration difficult, the saliva stinking, the body much wasted, the evacuations colliquative, and the countenance Hippocratic, death seems to be approaching with hasty strides. A phthisis attended with a total obstruction of the menses, produced by bleeding, is absolutely incurable. A phthisis, in which the vomitæ break suddenly, the spittle white, the appetite and digestion tolerably good, is easily curable.

The cure. Bleeding is inadmissible. The non-naturals require the strictest attention. New milk should be taken for breakfast and supper; if it purges, it must be boiled; cows' milk is preferable to that of asses: goat's whey is too diluent, and I have seen several fatal effects from the use of it. Meat broths may be taken as strong as the stomach will bear, particularly of pork; jellies, prepared from any animal substance, should be taken as often as possible. Let the patient ride on horseback every morning; if too weak to sit alone, he must be supported by one that rides behind him, for riding in a morning is absolutely necessary. A warm, dry, clear air, the Bristol waters, Spa water, or, for common drink, infusion of linseed, decoction of bran, or, for change, sago, salep, or chocolate. Tea, prepared from coltsfoot flowers, and sweetened with honey, I have no small reason to recommend the use of; snails or earth-worms boiled in milk are serviceable, as are shell-fish of all sorts, wild fowls, generous wines and spices. Conserve of red roses may be eaten to the quantity of two or three ounces in a day, with vast advantage. Acids are sometimes serviceable, stomachic plasters, a Burgundy-pitch plaster between the shoulders, to be kept on for some weeks; blisters, but above all things the dry vomit, as,

Take of Tartarized antimony, three grains,

Ipecacuanha, ten grains,

Make into three powders; let one be taken in a morn-

ing fasting, twice or thrice a week, not drinking any thing during the operation. Or, if the diarrhœa is very violent,

Take of Ipecacuanha, four grains,
Blue-vitriol, one grain,

Let this powder be taken (as before) every morning.

In an incipient ulcer of the lungs, when the pain in the side has been exceedingly troublesome, recourse has been often had to the lancet, which is the ready way to bring on an incurable phthisis. I appeal to the conscience of the practitioner, whether he has not frequently experienced this consequence.

N. B. When an ulcer in the lungs is formed, the urine discharged at night is very turbid the next morning. The balsam of copaiva ought never to be omitted in the cure of this disorder; let twenty drops be taken on sugar in powder every night and morning. If the diarrhœa is not excessive, as it seldom is at the beginning of a phthisis, I have often found that the following mixture will carry off the hectic, which generally ends in the appearance of a rash;

Take of Prepared kali,
Calced antimony, of each a drachm,
Pure water, seven ounces,
Spirit of nutmegs, two ounces,
Compound spirit of ammonia, half an ounce,
Tolu syrup, an ounce.

Of this mixture, let two spoonfuls be taken every sixth or fourth hour. Or,

Take of Prepared kali, two drachms,
Mint water, seven ounces,
Tolu syrup, an ounce,

A mixture. Three spoonfuls to be taken twice or thrice a day, to which may be added (if the diarrhœa is excessive) half an ounce of paregoric elixir.

If the diarrhœa should prove, as it often does, the most troublesome and dangerous symptom, it should

be restrained by opiates ; as three, four, or five grains of the opiate pill, and as many of rhubarb, which may be taken at bedtime, to be repeated occasionally ; or,

Take of Asafœtida,
Precipitated sulphur of antimony,
Myrrh, of each a scruple,
Pure opium hard, four grains,
Simple syrup, enough for twelve pills.

Two every night, or oftener.

A scruple of the astringent red gum may be used for the same purpose, or the same quantity of the tormentil or bistort root ; but the boles and sealed earths are worse than useless.

Take of Blue vitriol, five grains,

Dissolve in an ounce of tincture of cantharides. Of these drops let twenty be taken twice a day, increasing the dose one drop at a time, till it amounts to a tea-spoonful. They have often effected wonders ; but with this, or whatever other medicine is used, let not the balsam of copaiva be neglected. I shall subjoin two more formulæ, from which also I have experienced the most desirable consequences :

Take of Red bark, six drachms,
Extract of liquorice, two drachms,
Oil of aniseed, forty drops,
* Filings of iron, two scruples,
Mucilage of gum arabic, as much as is sufficient
to make an electuary.

The size of a walnut to be taken night and morning.

Take of Gum ammoniac, a drachm,
Precipitated sulphur of antimony, two scruples,
Squills, ten grains,
Filings of iron, one scruple,
Simple syrup, enough to make into 32 pills.

Let two or three be taken night and morning. See
COUGH, and the following.

* Or, nitre, two scruples, as the hectic is less or more,

EMPYEMA.

AN Empyema is a collection of pus or matter in the cavity of the thorax.

The cause. The rupture of a vomica ; this proceeds from an inflammation, bruise, or wound (if closed too soon) of any of the five parts, viz. the lungs, pleura, diaphragm, mediastinum, or pericardium.

The diagnostics. Twenty days from the time that the inflammation began ; from the signs of the disappearance of a vomica, a new pain, dry cough, sensation of pressure on the midriff, lying with ease on one side only, viz. on that where the matter is congested, a slow fever, spitting of purulent matter, thirst, the face flushed, the eyes hollow, redness of the cheeks, swelling of the abdomen, danger of suffocation on leaning forwards.

The prognostics. If the pus is whitish, and of good consistence, the expectoration easy, the respiration free, and mind calm, these are all good signs ; but if, after the rupture, there be any accumulation of pus, putrefaction of the fluids, sanious stools, and Hippocratic countenance, it will prove fatal.

The cure. To determine the pus externally must be attempted at all events, by proper medicines or cutting : the operation is to be performed between the third and fourth rib, behind, numbered from below *. In the mean time keep the body open, and give terebinthines, as,

Take of Common turpentine,

Olibanum, of each what quantity you please.

Form into a mass of pills five grains each ; three to be taken twice or thrice a day. Or,

Take of Red bark, an ounce,

Balsam of copaiva,

* I have known it often to succeed, though sometimes the patient dies tabid. After the operation, use detergent injections every day of barley water well acidulated, and keep open the wound some weeks with a leaden canula.

Spermaceti, of each half an ounce,
The yolk of an egg,
Honey of roses, as much as is sufficient to make
an electuary.

The size of a nutmeg to be taken twice or thrice a day.

HÆMOPTOE.

A SPITTING of blood is sometimes an idiopathic disease, to which some persons are subject at times for many years, without any manifest inconvenience.

The *cause*. Tenderness of the fibres of the lungs.

The *diagnostics*, or concomitant symptoms, are sensations of soreness in the breast, of weight in the diaphragm, a husky cough, pale countenance, lank hair, flabbiness of the flesh, dislike to exercise.

The *prognostics*. Bleeding generally ensures a severer return, or brings on an incurable consumption. If that evacuation has not been premised, the cure is not difficult.

The ingenious Monsieur Le Sage has, in his usual sprightly manner, graphically delineated a scene wherein the Grim Monarch is represented with awful dignity, conferring the doctoral cap on all those medical students who take a solemn oath never to deviate from the present method of practice, and ranking them among the number of his truest and dearest friends. In *his* time and country the picture bore no very enlarged features; but in this enlightened age, and in a nation teeming with philosophers, who will take nothing on trust, whatever deference may be due to a generally received opinion, it can certainly be no unpardonable crime to call the propriety of it in question; and, if it is found unsupportable by experiments, to militate against it. Of this kind, it is presumed, is that too general one of the necessity of blood-letting in internal hæmorrhages, which I have often seen prove highly pernicious and productive of fatal consequences.

Of what signification is it whether a person loses his life by bleeding from a natural or artificial orifice? I once knew a family, of which two brothers and two sisters were each at different times seized with a spitting of blood: they were all bled five or six times, and not one of them survived many weeks after their respective attacks. Another brother was taken in the like manner, who suspecting the effects of the lancet, applied to me; and although he at that time laboured under a confirmed lues, he was soon (without bleeding) restored to, and still continues in, perfect health.

Innumerable instances have I been witness to, of the most alarming hæmorrhages, which have all yielded to the use of vomits, and the method laid down below, without a single application of the lancet: if then, as is evident, blood-letting is not necessary to the cure, is it not more eligible to preserve that important fluid, than to lavish it away without cause, and thereby destroy the health and shorten the lives of those who commit themselves to our care?

The cure. I never failed of success with those who had not been bled. The first thing given was always the dry vomit, as,

Take of Tartarized antimony,
Blue vitriol, of each two grains.*

This powder should be taken in a spoon half full of water; let the patient strain, which straining he may provoke if necessary with his finger or a feather, but drink nothing until he throw up some yellow or greenish matter, and if his sickness does not then go off, half a glass of brandy will settle his stomach; if that should be returned immediately, which is sometimes the case, a repetition of the same will answer expectation. Give twenty drops of the balsam of copaiva night and morning, several weeks, to prevent a return, and the following electuary:

* The tartarized antimony may be given first, and as soon as the nausea commences, the vitriol immediately exhibited.

Take of Red bark, six drachms,
 Flowers of sulphur, three drachms,
 Pure nitre, one drachm;
 Precipitated sulphur of antimony, a scruple,
 Mucilage of gum arabic, enough to make an
 electuary.

The size of a nutmeg to be taken twice or thrice a day. So long as the spittle is in the least tinged, the following mixture should be used, which may from the first invasion be drank at pleasure :

Take of Gum arabic, two ounces, dissolve in pure water
 a pint,
 Pure nitre, two scruples,
 Tolu syrup, an ounce.

Of this mixture four large spoonfuls may be taken every two or three hours. A scruple of roach-alum may be given occasionally ; or the red astringent gum. The conserve of roses may be taken at pleasure.
 —See WEAKNESS OF THE SOLIDS.

HÆMORRHAGES.

ALL Hæmorrhages (the piles only excepted) require precisely the same treatment with the foregoing article, which see. In acute disorders, internal hæmorrhages proceed from a plethora ; but I never yet met with one instance of a chronic hæmorrhage in a plethoric habit.

HICCOUGH.

THE Hiccough is a convulsive motion of the stomach and midriff.

The cause. An acrid irritating matter, adhering to the left orifice of the stomach ; the diaphragm is affected by consent of parts. Too great a fulness, or the contrary, may occasion it.

The diagnostics are sufficiently obvious.

The *prognostics*. Sneezing generally removes it, or compression of the artery at the wrists; or frequent sipping of any liquid, or stopping both ears for a minute or two, or holding the breath, or a sudden fright, or fixing the eyes intensely on an object in an oblique direction. Proceeding from wounds, profuse evacuations, in asthmas, or at the close of a malignant fever, it is always a dangerous and often a deadly symptom.

The *cure*. Emetics and cathartics are indicated, if it arises from repletion; if from depletion, diaphoretics, diuretics, opiates, clysters, and fomentations; as the common fomentation, or tincture of opium and vinegar, of each equal parts, to bathe the pit of the stomach with. Of the following formulæ the practitioner may select that which is best adapted to the case.

Take of The musk mixture, five ounces,
Tincture of castor, two drachms.

For a draught. A tea spoonful of these drops may be taken, and repeated pretty often, if necessary.

Take of Compound tincture of lavender, six drachms,
Compound spirit of ammonia, two drachms,

For a bottle of drops.

Take of Prepared kali, two scruples,
Tincture of cardamoms, two drachms,
Pure water, an ounce and half,
Spirit of horseradish, two drachms,

A draught to be repeated as there is occasion.

Take of Vitriolated natron, one ounce,
Pure water, seven ounces,
Tincture of asafætida, half an ounce,
————— opium, a drachm,

A clyster.

Take of Salt of hartshorn,
Aromatic-confection, of each a scruple,
Musk, fifteen grains,
Oil of mint, five drops,
Syrup of orange peel, enough for a bolus.

Take of Castor,
Musk, of each a scruple,
Oil of cinnamon, three drops,
Purified opium, two grains,
Syrup of saffron, enough for a bolus.

Either of the above boluses may be given according to the urgency of the symptoms.

ERYSIPELAS.

ERYSIPELAS, or St. Anthony's Fire, is an external inflammation, which generally affects the face, and sometimes the breast.

The cause. Those which produce an internal inflammation, or an acrid humour, heats and colds, errors in the non-naturals, an obstruction of any customary evacuation.

The diagnostics. Swelling of the part, with pain and redness; inflammatory pimples; if pressed lightly by the finger, the appearance of a white spot.

The prognostics. It is removeable, without much difficulty; it is no ways dangerous, unless the eruptions are repelled by cold, and then very disagreeable consequences may ensue.

The cure. Being a cutaneous disorder, blood-letting may be dispensed with, which cannot be necessary when any eruptions appear on the skin. It is a common observation with ignorant practitioners, that the blood which they have let is exceeding bad, and it is much better such blood should be out of the body than in it; if this argument were worthy of refutation, it might be asked, Whether drawing of a pint or two from a pipe of bad wine would have any tendency to meliorate the remainder? Dr. Sangrado's method was much more plausible, in taking away the whole mass, and refilling the vessels with warm water. If the blood

is bad, it must be mended in the body, and the use of proper alteratives is indicated ; but to decrease the quantity of it is to lower the vital powers, to render nature incapable of performing her necessary functions, and to preclude the good effects of those alteratives which might afterwards be administered.

Diaphoretics will greatly assist nature in expelling that which is offensive. Diuretics are exceedingly serviceable in this disorder ; mild cooling cathartics are also of considerable utility. As for example :

Take of Elder rob, an ounce,
Pure nitre, half a drachm,
Pure water, five ounces,

A gently sweating potion to be taken at night going to bed.

Take of Spirit of nitrous æther, an ounce.

Of these drops let a tea-spoonful be taken twice or thrice a day.

Take of Vitriolated natron, ten drachms,
Purified salt of amber, seven grains,
Pure water, three ounces and a half,

For a purging draught, to be taken in the morning.

As external applications will hasten the cure, the reader is presented with several efficacious ones below ; though perhaps wetting the parts two or three times a day with camphorated spirit of wine is not inferior to any of them.

Take of the internal bark of elder, two ounces, boil in a pint and half of water to a pint ; then add of

Soft soap, an ounce and a half,

Make a fomentation to be used night and morning.
Or, the decoction of hellebore.

Take of Camphorated spirit, an ounce and half,
Compound tincture of lavender, three drachms,
Oil of amber, one drachm,

A liniment to be used morning and night, Or,

Take of Extract of lead, forty drops,
Rose water, five ounces,

A lotion.

Take of Camphorated spirit, an ounce,

To be applied three or four times a day ; as soon as the parts are dry, rub on a little of the following liniment :

Take of The ointment of white calx of mercury, an ounce and half,
Essence of lemons, twenty drops.

Make it a liniment.

NEPHRITIS.

A NEPHRITIS is an inflammation of the kidneys.

The causes. The same as of other inflammations: whatever plugs up the extremities of the capillary arteries ; a wound, a bruise, an abscess, a tumour, lying too long on one side, a stone in the bladder, whatever hinders the free passage of the urine ; whatever forces the thicker parts of the blood into the urinary canals, as riding hard, running, leaping, or a plethora.

The diagnostics. Difficulty of or uneasiness in making urine, sensation of heat in making it, perpetual inclination to make it, total suppression of it, a fever, numbness of the thigh from an affection of the psoas muscle, bilious vomiting, costiveness. A Nephritis is always attended with a fever, and the pain is continual ; in the calculus, or fit of the stone, the pain intermits.

The *prognostics* are much the same as in other inflammatory disorders. To persons in years it is most commonly fatal; the patient often falls into a *tabes dorsalis*; sometimes a *schirrus* is formed; sometimes it is succeeded by a palsy, or incurable lameness, a dropsy also, and atrophy. If a calculus is formed from the concretion of the sabulous *saburra*, too bulky to pass through the ureter, the case is helpless, unless it is extracted by the knife: this operation has been performed, but never with success, as the author ever knew or heard of.

The *cure*, as in other inflammations, blood-letting, diluting liquors, emollients, antiphlogistics, clysters, fomentations, gentle purges, *semicupia*, warm bath: if the pain is very excruciating, opiates. Diuretics, nitre excepted, are improper at first; for common drink, the almond milk.

Take of Syrup marsh-mallows,
Oil of olives, of each an ounce,
Compound spirit of ammonia, two drachms,
Pure water, seven ounces, mix by agitation.

Make an emulsion, three spoonfuls to be taken every fourth hour.

Take of Venice turpentine, half an ounce,
The yolks of two eggs,
Pure water, five ounces,
Linseed oil, three ounces,
Oil of turpentine,
Oil of aniseeds, of each a drachm,
Syrup of marsh-mallows, two ounces,

A clyster.

As soon as bloody water is evacuated, give honey and oil of olives, of each an ounce, for a draught, and let twenty drops of balsam of copaiva, or of balsam of Peru, be taken on sugar, thrice a day.

Take of Venice soap, four scruples,
New milk, two ounces,
Pure nitre, a scruple,
Syrup of marsh-mallows,
Alcohol, of each two drachms,

Make a draught, to be repeated twice or thrice a day.

Take of Pure nitre, a scruple,
Purified salt of amber, ten grains,
Pure water, an ounce,
Tolu syrup, a drachm.

A draught to be taken every third hour.

Take of Ointment of hog's lard, an ounce,
Oil of turpentine, two drachms.

A liniment, with which the loins may be anointed two or three times a day.

Take of Magnesia,
Spermaceti,
Rhubarb, of each two scruples,

For six powders. Let one be taken every fourth hour, till the body is sufficiently open.

Take of Gum arabic, two ounces,
Pure water, a pint,
Acetated kali,
Syrup of marsh-mallows, of each half an ounce.

A mixture, of which let three spoonfuls be taken every three hours.

Take of Chio turpentine, (dissolved in the yolk of an egg,) half a drachm,
Spermaceti,
Acetated kali, of each two scruples,
Pure water, an ounce and a half.

A draught to be taken every fourth hour.

Take of Gum arabic,
Spermaceti, of each a drachm and a half,
Acetated kali, one drachm,

For six powders, one of which should be taken every two hours.

If the pain is exceedingly great, as it often is, give three grains of pure opium.

ULCER in the KIDNIES or BLADDER.

THE *cause* of an ulcer in the above-mentioned is either a stone, or something corrosive received into the stomach, venereal virus, scorbutic diathesis, a bruise, inflammation, obstruction, or erosion.

The *diagnostics* of an ulcer in the kidneys are bloody urine of a foetid smell, with scales in it; sanious or purulent urine. In this case rhubarb in small doses, frequently given, is an admirable medicine.

Ulcers in the bladder are very dangerous, and often attended with insupportable agonies. In an ulcer of the kidneys, the urine is discharged without much difficulty or uneasiness; is reddish, often bloody, and small pieces of matter resembling flesh in it. In an ulcer of the bladder, the difficulty of making urine is very great, the pain dreadful; less blood, but large quantities of purulent matter, accompany the urine, especially in women.

The *prognostics*. In habits of body that are caco-chymic, plithisical, or to persons in years, they are always dangerous, and often mortal.

The *cure* is the same. Gentle purges should be given, as rhubarb, manna, and tamarinds, for the bowels must be kept open; small mead, cooling ptisans, a milk diet, lime-water, and twenty drops of balsam of copaiva on sugar morning and night, should by no means be omitted. Injections of milk and lime-water. If the pain is excruciating (as in all other disorders without exception), the use of opiates is demanded: give two scruples of olibanum, and three grains of pure opium, made into a bolus with balsam of Peru.

Take of Gum arabic, two ounces,
 Soap, one ounce,
 Gum guaiacum,
 Jalap, of each two drachms,
 Balsam of copaiva, enough to make an electuary.

The biguess of a nutmeg to be taken morning and night.

Take of Tincture of balsam of Peru, an ounce.

A tea-spoonful to be taken twice a-day.

The solution of muriatic mercury. See LUES.

Women declining into the vale of years, are exceedingly liable to internal latent ulcers, which greatly resemble ulcers in the bladder, with respect to the violence of the pain, and indeed every other symptom, the pus in the urine excepted. The following electuary has always answered my expectation in removing that troublesome complaint, and I would recommend it to those who are tormented with pain in parts contiguous to the neck of the bladder.

Take of Elecampane, an ounce,
 Sweet fennel seeds, half an ounce,
 Black pepper,
 Balsam of Peru, of each two drachms,
 Honey, enough to make an electuary.

Dose, the size of a nutmeg morning and night. If the body is costive, add two drachms of jalap to it. Let her also take twenty drops of balsam of copaiva twice a-day, upon brown sugar.

STONE.

THE Stone; or human calculus, originates from a concretion of sabulous saburra, chiefly owing to the selenites in water; from the heat of the body, laxity of the fibres, or pre-disposition of the fluids to deposit this earthy matter; perhaps from a deficient attraction among their own particles to preserve its suspension: it is often formed into a hard brittle substance.

The causes. The water we drink seems to be the chief cause, which has more or less of earth in it, and if you please, something of a petrifying quality; claret, ale, and all those liquors which ferment strongly in the stomach, and consequently occasion the terres-

trial parts of the urine to cohere together ; the ap-
pulse of an acid gas, obstruction or coarctation of the
urinary canals ; any extraneous substance in the
bladder which will soon form a nucleus.

The *diagnostics*. A sensation of numbness, or
painful pressure in the thigh ; nausea, frequent retch-
ings ; the urine thin, bloody, small in quantity, voided
with great uneasiness, or totally suppressed ; pain in
the glans, penis, tenesmus.

The *prognostics*. If both ureters are at once af-
fected, if the urine is totally suppressed, the extremi-
ties cold, or the urine continues bloody after the fit is
over, the disorder will be of long continuance, and
probably terminate in death. In elderly persons it is
always very dangerous.

The *cure*. This dreadful disease authorises us to
summon every possible and immediate medical assis-
tance, as clysters, purges, anti emetics, *oil of aniseeds*,
terebinthinates, fat broths, fomentations, opiates, the
catheter, lithotomy. To prevent a return, equal quan-
tities of lime-water and butter-milk should be drank
at meals, and for a constancy, to the quantity of three
pints in a day. Claret, malt, and all fermenting li-
quors, should be abstained from. Spirits of all sorts,
(having passed the state of fermentation), diluted with
water, are no ways prejudicial.

Take of Balsam of Peru, (dissolved in the yolk of an
egg,) two drachms,
Decoction for a clyster, five ounces,
Oil of olives, two ounces,
Tincture of opium, two drachms,

A clyster.

This will always give immediate ease in the most
racking pain. Or,

Take of Vitriolated natron, two ounces,
Water, six ounces,
Tincture of asafœtida, half an ounce,
Tincture of opium, one drachm,

A clyster.

Take of Balsam of Peru,
 Oil of aniseeds, of each two drachms,
 Mucilage of gum arabic, seven ounces,
 Tincture of jalap, half an ounce,

A mixture; three spoonfuls to be taken morning and night, or as there is occasion.

To preserve the patient from returns of this horrid distemper,

Take of Gum arabic, two ounces,
 Venice soap, one ounce,
 Grains of paradise,
 Jalap, of each two drachms,
 Balsam of copaiva, enough to make an electuary.

Dose, the size of a walnut, morning and night. Several have I seen who for many years had not been one moment free from pain, perfectly cured by this electuary; a relation of what it has performed, in a vast variety of cases, would be enough to shock the belief of the most credulous.

Take of Liquorice root, three ounces:

Boil in a quart of water; half a pint to be drank twice a-day.

Take of Tincture of Balsam of Peru, an ounce.

A tea-spoonful night and morning.

OPHTHALMY, and DISORDERS of the EYES.

AN Ophthalmy is an inflammation of the eye, or outer coats of it, with redness, swelling, and discharge of a hot water, or matter. It is commonly divided into *dry* and *moist*; when slight, called *Phlogosis*; if there be some redness in the white of the eye, *Taraxis*; when the eye-lids can scarcely be closed, *Chumosis*; if accompanied with a profuse discharge of red rheum, *Epiphora*. *Suffusio*, *Phlyctæna*, *Glaucoma*, *Hypopyon*, *Albugo*, *Pterygium*, &c. are all to be treated much in the same manner.

The cause. Some irritation, or the same with that of other inflammations.

The diagnostics. It is known by the red colour of the tunica conjunctiva: the other disorders of the eyes, by a distillation of bloody acrid rheum from their angles; a scalding water; a collection of matter or water in vesicles under the cornea; films, motes, specks, &c.

The prognostics. If it continue long, it sometimes turns to a glaucoma, or cataract, or gutta serena (which requires the internal use of medicines, as mercurials, &c.) In general, it is not difficult of cure.

The cure. If the eyes are glued up in the morning, let them be bathed with warm milk. If the patient is plethoric, bleed; then give a gentle purge, such as,

Take of Vitriolated natron, an ounce,
Purified salt of amber, seven grains,
Pure water, three ounces,
Syrup of buckthorn, half an ounce,

A purging potion. Issues are exceedingly serviceable, blisters likewise applied to the temples, behind the ears, or to the nape of the neck; no small advantage will result from a seton, which should be cut perpendicularly, and not horizontally, as is the usual custom. Sternutatories should not be omitted, as, the compound powder of asarum. Or,

Take of White hellebore root, a scruple,
Florentine orris root, ten grains,
Euphorbium, three grains.

Of this powder, let a pinch be taken, as if it were snuff, every night after getting into bed.

If a hot water distils from the eyes, or if films, specks, &c. appear, the following eye-water is, I believe, not to be excelled; the eye may be washed with it three or four times a-day, and as much of it allowed to be worked in the eye, by frequent winking, as can be well borne:

Take of White vitriol, fifteen grains,
Spirit of wine rectified,
Rose water, of each half an ounce,

A collyrium. Or,

Camphorated spirit, an ounce,

A collyrium. Or, if that gives too much pain,

Take of Extract of lead, seven drops,
Rose water, an ounce,

A collyrium, to be used three or four times a-day. Or,

Take of Extract of lead, seven drops,
Tincture of opium,
Lime water, of each half an ounce,

A collyrium.

If the sight is very weak, and is daily impairing, put a drachm of alum into the white of an egg, let them be well whisked up together, and smear the eye-brow and eye-lid with it every night. If there be a scorbutic acrimony in the fluids,

Take of Mercury with sulphur, an ounce and half,
Gum arabic, half an ounce,
Honey, enough to make an electuary.

Dose, the size of a nutmeg, morning and night.

In ophthalmies proceeding from a scrophula (which by the way most ophthalmies do) the bark internally is not only a certain but expeditious remedy, as,

Take of Red bark, an ounce,
Extract of liquorice, two drachms,
Mucilage of gum arabic, enough for an electuary.

The size of a walnut to be taken morning and night.

When the edges of the eye-lids look red and raw, or discharge,

Take of White calx of mercury, a scruple,
Cerate of acetated litharge, an ounce.

Smear them with a feather dipt in it night and morning.

A cataract requires the operation, viz. depression or extraction of the crystalline lens.

If a gutta serena is curable, it must be helped by electricity, sternutatories, the dry vomit, the aluminous egg application mentioned above, and such alteratives as mercurials and antimonials.

CATARRHAL FEVERS.

CATARRHAL Fevers are generally slow and mild, increased towards evening when the equilibrium of the atmosphere is destroyed; they are accompanied with pains in the joints, stoppage of the nose, deafness, head-ache, cough, listlessness, &c. They are commonly called colds. They produce, when neglected, innumerable disorders, as they originate from an abatement or obstruction of insensible perspiration: if that perspirable matter is retained in the circulation which ought to have been thrown out of the body, it may soon putrify, and occasion fevers of the worst kind. Hence, observe, how hazardous and frequently fatal (though little suspected) that custom must be of bleeding for a cold, when no plethora subsists. To attenuate viscidities, few medicines are preferable to the acetated kali. When cold is first taken, an opiate (which acts by effecting a temporary plethora) if not costive will often remove it like a charm, as,

Take of Tincture of opium, thirty drops,

At bedtime. Or,

Take of Opiate pill, five grains,
Tartarized antimony, one grain,

A pill to be taken at going to bed.

If the symptoms are very alarming, give two grains of the tartarized antimony, well rubbed with ten grains of white sugar, for a vomit, drinking nothing during the operation. Either of the following are exceedingly efficacious in the removal of a cold, and far preferable to bleeding :

Take of Prepared kali, a drachm and half,
Pure water, seven ounces,
Water of ammonia,
Tolu syrup, of each half an ounce,

A mixture. Let three spoonfuls be taken every fourth hour.

Take of Mercury with sulphur, an ounce and half,
Crude antimony,
Gum guaiacum, of each two drachms,
Honey, enough to make an electuary,

The quantity of a nutmeg to be taken morning and night.

N. B. Those who value their health, and are liable to colds, should lie with very light covering in bed. One pair of blankets is at all times sufficient.

COUGH, SUFFOCATING CATARRH, AND HOARSENESS.

A COUGH is a convulsive motion of the diaphragm, generally owing to an irritation of the larynx. By chewing a hard crust, or piece of sea-biscuit, on going to bed, the glands will be emptied of that acrid saliva wherewith they are distended, and consequently that teasing defluxion will be prevented, and that tickling sensation which is so troublesome in the night. A plaster of Burgundy-pitch between the shoulders will wonderfully relieve a cough : it should be worn continually for some weeks. If the thyroid gland is swelled so as to render swallowing difficult, apply a poultice of bread and milk to the throat, and a vesicatory to the neck.

The Suffocating Catarrh is an affection of the larynx, when the aspera arteria is irritated, and the glottis constricted, so as to endanger immediate suffocation. If plethoric, bleed; let the face be held over the steam of boiling milk; a bread and milk poultice be wrapped round the throat, and give an emetic, antispasmodics, opiates, agglutinants. For an emetic the following:

Take of Antimony tartarized, ten grains,
Pure water, an ounce,

Of this let a tea-spoonful be taken every half hour till the effect is produced.

A Hoarseness is an affection of the aspera arteria, caused by an effusion of a thin acrid lymph, or an abrasion of its internal mucus. Half a pint of new milk, with half a pound of suet dissolved in it, and drank warm, will almost instantaneously relieve; but it is by no means a pleasant draught.

Take of Sulphurated oil, five drachms,
Oil of aniseeds, one drachm.

Of this bottle of drops, let ten be taken on sugar three or four times a-day. It is an admirable medicine for a cough, as well as for hoarseness.

To return to a cough. Nettle-seeds, mixed up with honey into an electuary, is no despicable remedy; the size of a nutmeg to be taken night and morning. Or a spoonful of the expressed juice of turnips twice a-day, sweetened with as much sugar candy as will render it palatable. Or, two ounces of garlic, infused in a bottle of mountain wine, a glassful morning and night. Or (which exceeds every thing else), balsam of copaiva, an ounce; of these drops take twenty twice a day on sugar. Or, balm of Gilead. Or, if not costive,

Take of Tincture of Paregoric Elixir, an ounce,

A tea-spoonful night and morning, in a glass of water.

Or any of the following medicines, the efficacy of which may be depended on.

Take of Flowers of sulphur, an ounce and half,
 Elecampane, six drachms,
 Balsam of copaiva, half an ounce,
 Myrrh, two drachms,
 Oil of aniseeds, a drachm,
 Tolu syrup, enough for an electuary.

The bigness of a nutmeg twice or thrice a day.

Take of Asafœtida,
 Gum ammoniac, of each a drachm,
 Squills powdered, a scruple,
 Simple syrup, as much as is sufficient.

Make twenty-four pills, two to be taken night and morning.

Take of Diluted vitriolic acid, twenty drops,

Night and morning. If costive,

Take of Asafœtida, a drachm,
 Sulphur of antimony precipitated, two scruples,
 Socotrine aloes, one scruple,
 Squills dried, fifteen grains,
 Simple syrup, enough for pills,

Twenty-four ; two be taken night and morning.
 Or,

Take of Asafœtida, a drachm,
 Filings of iron,
 Precipitated sulphur of antimony, of each half a
 drachm,
 Socotrine aloes, one scruple,
 Simple syrup, enough for pills,

Twenty-four.

Take of Conserve of orange-peel, half an ounce,
 Oil of olives,
 Tolu syrup, of each an ounce,
 Vitriolic acid, enough to make it gratefully acid,

A linctus : a tea-spoonful to be taken at pleasure.

Take of Coltsfoot flowers, an ounce and half,
 Horehound,
 Hyssop, of each half an ounce, boil a little in a
 quart of water,
 Extract of liquorice, two drachms,

Make a mixture, of which a tea-cupful may be taken
 twice a-day, or oftener.

Take of Red bark, six drachms,
 Extract of liquorice, two drachms,
 Mucilage of gum arabic, enough for an electuary.

Dose, the size of a chesnut twice a-day.

PERIPNEUMONIA NOTHA.

THE Bastard Peripneumony, or Humoral Asthma, is a disease very different from the true Peripneumony, and owing to a redundance of serum in the lungs, which are overflowed, as it were, with a cold pituita: this phlegm stagnating in the cellular membrane or extremities of the capillary branches of the pulmonary artery, produces effects very similar to those of a *real* inflammation, though the necessary discrimination may be made with great ease.

The cause. A deficiency of vital heat; diminution of the vis vitæ; redundancy of serum; tenderness of the muscular fibre; indolence or inactivity; preceding disorders, profuse evacuation; whatever puts too speedily in motion that which stagnates in the lungs.

The diagnostics. The patient is at first seized with a sudden coldness and rigour, and loses his strength very fast; pallid countenance, sensation of weariness, shortness of breath, spasmodic constriction of the lungs, a slight hectic fever, ropiness of the saliva, anxiety about the præcordia, swelled ancles, increasing debility, a teasing cough, loathing of food.

The prognostics. It is a very fallacious distemper.

Sometimes it terminates (and very often, in unhealthy habits) in sudden and unexpected death. It is always attended with danger, for there is no disorder of which more persons die: perhaps every one is peripneumonic for a few minutes at least before a natural death, because the blood that is propelled from the right ventricle of the heart, from the declension of muscular motion, cannot then pass through the strait vessels of the lungs, without occasioning that wheezing respiration.

The *cure*. It is necessary to say that, in this case, blood-letting would be injurious. For common drink, give the compound decoction of barley with large quantities of hydromel; blisters of no small dimensions are necessary, and should be frequently repeated. A seton should be made on the side of the sixth vertebra of the neck, in a perpendicular form. Change of air is of considerable utility, though it be even to one no better than the patient was in before; acids may be given with advantage, for the generally received opinion that they are inimical to the lungs is not confirmed by experience; broths are useful. A teaspoonful of the expressed juice of garlic may be administered night and morning with great advantage. The dry vomit must not be omitted, as,

Take of Blue vitriol,
Antimony tartarized, of each seven grains,

For three powders; one to be taken twice or thrice a week in the morning fasting: let the patient strain, without drinking any thing, till some yellow or greenish matter is ejected, and then, if the nausea does not go off, take half a glass of brandy; if *that* should be thrown up, a repetition of it will settle the stomach.

Take of Balsam of copaiva, an ounce,

A bottle of drops.

Of these let twenty be taken on sugar, night and morning. Whatever other medicines are used, *this* ought not to be dispensed with. Diuretics are singularly serviceable, and one that will give place to no other, is,

Take of Tincture of cantharides, an ounce,

A tea-spoonful to be taken night and morning.

Gentle purges are absolutely necessary, which should be repeated according to the strength of the patient, as,

Take of Rhubarb, a drachm,
Gamboge, fifteen grains,
Calomel, ten grains,
Simple syrup, enough for twelve pills,

Two or three to be taken every morning, one at a time, at an hour's distance each. Or,

Take of Asafoetida, a drachm,
Tartarized antimony, half a drachm,
Simple syrup, enough for pills,

Twenty-four.

Take of Extract of cassia, an ounce,
Four figs,
Liquorice root,
Senna leaves, of each two drachms,
Boiling water, four ounces.

Infuse and strain for a purging draught. Or the following, which is a very elegant one:

Take of Senna leaves, three drachms,
Lemon peel, two drachms,
Tartarized kali, ten grains,
Compound decoction of barley, four ounces.

Let it be poured boiling hot on the ingredients, and, when cold, strain for a purging potion.

Take of Rhubarb, five scruples,
Precipitated sulphur of antimony, one scruple,
Balsam of copaiva, enough to make into pills,

Number, twenty-four; two to be taken once or twice a-day.

For persons upwards of fifty,

Take of Gum ammoniac,
 Precipitated sulphur of antimony, of each a
 drachm,
 Squills, a scruple,
 Simple syrup, enough for pills,

Twenty-four; two to be taken morning and night.
 See COUGH, and the following.

N. B. In a confirmed Hydrothorax, give Mr. Tickle's Anodyne Æthereal Spirit, with the above-mentioned rhubarb, or tartarized antimony pills, once or twice a-week. Or (which is the only certain remedy) the expressed juice of artichoke leaves. See DROPSY.

ASTHMA.

AN Asthma is a difficult and laborious respiration, owing to the compression, straitness, or obstruction of the pulmonary vessels, and is either continual or periodical.

The *cause* of a *continued* asthma is a compression of the veins, bronchial vessels, or pulmonary vesiculæ. This may be occasioned by a dropsy of the breast, empyema, phlegmon, abscess, vomica, tubercles, coagulation of the blood itself, corpulence, gibbosity, adhesion of the lungs to the pleura, *emphysematous* tumours of them, inflammation of the stomach, infarction of the bronchial glands.

The *cause* of a *periodical* asthma is a compression of the vessels and bronchial vesiculæ, owing to a slow halitus, or acid gas, which impedes the course of the nervous influence along the par vagum, and in some measure expels it, not leaving a sufficiency of vital heat to distend the bronchial vesiculæ to their usual extent: this appears sooner or later, as the fermentation in the stomach is sooner or later performed, as I have observed in numbers of instances. It commonly succeeds other diseases, as an intermittent, small-pox, the measles, catarrh, peripneumony, cachochymy, hys-

terics, and unnecessary phlebotomy, or a sudden change of the non-naturals, especially of the air. It seems not to be an idiopathic disease.

The proximate *cause* of both is a spasmodic constriction, coarctation, or irritation of the organs of respiration.

The *diagnostics* appear from what has been observed above. A difficult respiration when the breath is drawn oftener and quicker than usual, is called *Dyspnœa*. A frequent and large respiration when the diaphragm and intercostal muscles are violently agitated with snorting or wheezing, is termed an *Orthopnœa*. The greatest difficulty of breathing, when the patient cannot fetch his breath without sitting upright in bed, and even not then without the vehement and laborious workings of the muscles of the breast and scapula, is nominated *asthma*.

The *prognostics*. A plethoric asthma is easily cured, requiring only the discreet use of blood-letting, or cupping. A spontaneous diarrhœa is an exceedingly good sign. If it is inveterate, or if the patient is advanced in years, the case is difficult. If pus is formed, it forebodes convulsions, a phthisis, or dropsy. If owing to another disease, it requires the same treatment with the respective disorder.

The *cure*. The diet should be taken from those things which are easiest of digestion, and consequently ought to be of animal substance, which will only digest with greater ease, but ten times sooner than any of the vegetable tribe. Milk should be taken for breakfast and for supper; broth, spoon-meats, and much the same regimen, is requisite as in the phthisis. A clear, dry air, exercise, clysters, a seton cut in a perpendicular direction, issues, a Burgundy-pitch plaster between the shoulders, perpetual blisters, frequent emetics, purges, the balsam of copaiva, and the dry vomit. See COUGH and PERIPNEUMONIA NOTHA.

The asthmatic pill:

Take of Asafoetida, a drachm,
Precipitated sulphur of antimony, two scruples,
Socotrine aloes, one scruple,
Oil of aniseeds, twenty drops,
Simple syrup, enough for pills,

Twenty-four; two to be taken morning and night.
Or, if very costive,

Take of Asafoetida, a drachm,
Socotrine aloes,
Filings of iron, of each two scruples,
Simple syrup, enough for pills,

Twenty-four; two to be taken morning and night.
Or, the ammoniac pills in the last article.

If opiates may be taken with safety, viz. if the body
is sufficiently open, to render the nights more toler-
able, and to procure a truce,

Take of Opiate pill, one drachm;

Make into twelve or sixteen pills, one to be taken at
bedtime. Or,

Take of Tincture of paregoric elixir, an ounce;

A tea spoonful (more or less) in a glass of water, night
and morning.

Take of Antimony tartarized, three, four, five, or more
grains,

As the case requires, for a vomit; to be taken fasting,
and drinking nothing after it for two or three hours;
to be repeated every week or ten days.

The following electuaries have been extremely ser-
viceable :

Take of Flowers of sulphur, an ounce and half,
Elecampane, an ounce,
Balsam of copaiva, half an ounce,
Oil of aniseed, a drachm,
Tolu syrup, sufficient to make an electuary.

Dose, the bigness of a nutmeg every morning and evening. Or,

Take of Red bark, an ounce,
Extract of liquorice, three drachms,
Tolu syrup, enough for an electuary.

The size of a nutmeg to be taken twice or thrice a-day.

AUXILIARIES.

Take of Shavings of sassafras,
Coltsfoot flowers,
Maidenhair, of each equal parts;

Of this, half an ounce may be made into tea, to be drank instead of common tea, sweetened with honey.

Take of Onions (or leeks), two ounces,

Boil in a pint and half of water to a pint, strain, and let a tea-cupful sweetened to the taste be taken two or three times a-day. Raw onions, with plenty of pepper and salt, may be eaten every day to great advantage.

Take of Conserve of squills, half an ounce,
Tolu syrup,
Oil of olives, of each an ounce,
Vitriolic acid, twenty drops,

A linctus, to be taken at pleasure.

Take of Tincture of cantharides, an ounce,
Tincture of squills, half an ounce,

Of these drops, a tea-spoonful may be taken twice a-day.

Take of Coltsfoot flowers, or leaves, an ounce,

Boil in a pint and half of water to a pint; squeeze them dry. Let this pint be drank every day, very warm, holding the face first over the steam, while boiling hot, till cool enough to drink.

N. B. Half an ounce of horehound may be added.
See FLATUS and PERIPNEUMONIA NOTHA.

CEPHALALGIA.

CEPHALALGIA is a sensation of pain in the head.

Cephalæa is an inveterate (and supposed hereditary) pain in the head.

Hemicrania is a pain in the middle of the head. They are all owing to the same causes, and require the same method of cure.

The *causes*. Little acrid particles of blood or lymph, which vellicate or distend the membranes or nervous fibrillæ; strong liquors drank too profusely, spasms, staying too long in the heat of the sun, immoderate exercise, intense study, fermentation in the stomach, acid gas, or halitus, a deficiency of heat in the encephalon, a plethora, costiveness.

The *diagnostic* is sufficiently obvious.

The *prognostics*. If symptomatic, it is to be driven away by the removal of that disease which is the occasion of it. The more superficial, the easier it is to be cured; the deeper, the sharper, and if of long continuance, with the more difficulty. If accompanied with a vertigo, noise in the ears, strabismus, and deafness, if not removed, it will end in a lethargy; if with æruginous vomiting, in a mania. A defluxion of blood or pus from the nostrils often cures it. Turbid urine indicates a continuance of the malady. If the pain strikes into the orbits, is accompanied with giddiness, and the patient be advanced in years, the cure is very doubtful.

The *cure*. If it proceeds from the stomach, give an emetic; if from a plethora (which a chronical headache rarely if ever does), bleed or cup. If from a redundance of acrid serum, with costiveness, which is an usual concomitant, if not the first cause, aloetic purges are the surest and most expeditious remedy. Blisters, setons, cephalic plasters, sternutatories, diaphoretics, and opiates, are all pointed out, and may be

made use of according to the discretion of the practitioner. A blister may be laid over the whole head, and kept on till it comes off of itself, which will be on the fourth or fifth day. For common drink, valerian tea is excellent. Sitting for a few minutes with the feet immersed in warm water will sometimes yield instantaneous relief. Ginger is the most excellent of all nervines; in this, and all other disorders affecting the nerves, it may be given to two scruples, twice or thrice a day; few fits will withstand its power. Slight electrical shocks will often remove it. If external, which may be known by increasing on pressure, dissolve a drachm of camphor in half an ounce of æther, and, pouring a little into the palm of the hand, let it be applied to the pained part. If an old and crabbed case, give the dry vomit, as

Take of Blue vitriol,

Antimony tartarized, of each two grains and a half.

Let this powder be taken in half a spoonful of water, in the morning fasting, without drinking any thing during the operation; but when yellow or greenish matter is thrown off the stomach, half a glass of brandy may be taken to remove the nausea: if that is vomited, as it will be if there is more corrupted bile to be thrown up, a repetition in a few minutes after will soon settle the stomach. Plasters of Burgundy-pitch may be applied to the temples, or behind the ears: a fomentation for the whole head, of equal quantities of tincture of opium and vinegar, will often give ease; or equal quantities of camphorated spirit, compound tincture of lavender and vinegar. An errhine may be given to snuff up the nose, of brandy and vinegar equal quantities, or of camphorated spirit. Sternutatories ought not to be omitted, as white hellebore root, or asarabacca leaves. A pinch of either (in powder) to be taken, as if it were snuff, every night after getting into bed.

If the pain is very excruciating in the night, thirty or forty drops of tincture of opium may be taken at

bedtime, and the next morning a draught given, composed of an ounce of aloetic wine, and half an ounce of cinnamon water.

Habitual head-aches, arising from costiveness, soon yield to the following pills; they are, indeed, a noble medicine, and too much cannot be said in their praise. The author has ordered them many thousands of times, and they never disappointed his expectations:

Take of Socotrine aloes, one drachm,
Precipitated sulphur of antimony,
Filings of iron, of each half a drachm,
Simple syrup, enough to make into pills,

Number twenty-four; two to be taken night and morning, if they do not open the body too much. Or,

Take of Socotrine aloes,
Filings of iron, of each a drachm,
Precipitated sulphur of antimony,
Calomel, of each a scruple,
Simple syrup, enough to make into pills,

Thirty-two, two to be taken every night.

Take of Prepared kali, half an ounce,
Water, a pint.

A tea-cupful night and morning.

If the patient is not costive, and the pain returns periodically, give the bark.

EPILEPSY.

AN Epilepsy is a sudden prostration of the *vitæ*, with a violent concussion of the muscles, and loss of the senses both external and internal. It is called *catalepsia caduca*, *morbus sacer*, *comitialis*, and *Herculeus*.

The *causes*. A bad conformation of the encephalon; corruption or erosion of the meninges; quick-

silver, by what means soever conveyed to the brain ; an increased flux of serum into the head, by hydatids on the corpus callosum ; violent exercise, profuse venery, strong thinking, a fright, all vehement affections of the nervous system, excruciating pain, hysterics, irritation from worms, teething, an acrid humour, the infection of the small-pox, the obstruction of some secretion ; various sorts of vapours, as the steams from liquors in a state of fermentation, or an acid gas.

The diagnostics. A sensation of weight in the head, or of pressure over the eyes ; of heaviness in the joints, frothing at the mouth, foolishness, tingling in the ears, forgetfulness, a thin and crude urine, gnashing of the teeth, a deprivation of all feeling ; paleness of the countenance, inordinate motion of the tongue, shrieks, clenched hands, sudden fall to the ground, dimness of sight ; from the violence of the fit of vomiting, mucus, lymph, or bile ; involuntary discharge of urine, semen, or excrements ; on recovery, no remembrance of what has passed ; impaired intellects.

The prognostics. It is either idiopathic or symptomatic. If hereditary, and a delirium takes place after the fits, it is incurable. From the frequency of the fits arise loss of memory, dulness, foolishness, palsy, apoplexy, and death itself. An involuntary excretion of the feces, the fits being of long duration, and the brain primarily affected, are signs that the cure will not be effected without great difficulty. If the cause is in the solids, it is irremovable. From the injuries which the nerves suffer, there follow contractions, deformity, and distortion. In children, when a quartan takes place, the fits go off. If owing to worms, they are easily curable ; if to spasms, and properly treated, they are not very refractory.

The cure. In the fit, let a loud noise be made in the ear, and apply water of pure ammonia to the nose, or blow up the nostrils a little white hellebore, or black pepper ; bathe the temples and wrists with vinegar : if the mouth can be opened, put into it fifteen or

twenty drops of oil of amber on powdered sugar, or give a drachm of tincture of castor in half an ounce of strong cinnamon water. As I never saw a plethoric epileptic, I never ordered the use of the lancet for any one, nor can I think it by any means allowable. Purges are often proper, and of considerable utility, even twice or thrice a week; so are chalybeate waters, issues, setons, blisters, the cold bath, alkalis, anthelmintics, anti-hysterics, cardiacs, nervines, opiates, lancing the gums, the trepan, electricity, and the dry vomit.

The diet should be of animal food for dinner, with milk constantly for breakfast and supper: vegetables of all sorts to be avoided, wines also, and malt liquors; spirits diluted with water may be drank with safety. Gentle and frequent exercise is absolutely necessary; change of air and amusements are not to be neglected.

Take of Blue vitriol,
Antimony tartarized, of each seven grains,

For three powders, one of which should be taken at least twice a-week, in the morning fasting: let the patient strain, without drinking any thing, till he throws up some yellow or greenish matter, and if his sickness do not go off, take half a glass of brandy; if that should be puked, another half glass will perfectly settle the stomach. Nothing can be more mild, safe, or gentle, than one of these vomits, and I have known great numbers of persons, by whom the repetition of them was more eagerly requested than opiates have been by those who were in pain.

I shall now subjoin all the medicines which I ever used that proved efficacious in the removal of this disorder, and many hundreds of cases I have been fortunate enough to succeed in. Let it be added, that the dry vomit was never omitted, excepting in those cases which were owing to worms, or spasms, and then the following pills and drops have never *once* failed to answer expectation. Of the rest, the most proper must be left to the choice of the prescriber.

Take of Socotrine aloes,
Filings of iron, of each a drachm,
Simple syrup, enough for pills,

Number, twenty four; two to be taken night and morning (if not too opening), washing them down with a glass of water, in which put two tea-spoonfuls of these drops:

Take of Tincture of asafœtida, two ounces,

For a bottle of drops.

Take of White hellebore, a scruple,
Ginger, ten grains,
Euphorbium, two grains.

Of this snuff, let a pinch be taken every night, after getting into bed. If laxative,

Take of Red bark, an ounce,
Valerian root, six drachms,
Ginger, half an ounce,
Mucilage of gum arabic, enough for an electuary.

Dose, the quantity of a walnut night and morning, or oftener.

Take of Valerian root, an ounce,
Red bark, six drachms,
Factitious cinnabar, half an ounce,
Filings of iron, a drachm and half,
Mucilage of gum arabic, enough for an electuary.

Dose, the size of a walnut morning and evening, washing it down with two tea-spoonfuls of the following drops, in a glass of water:

Take of Volatile tincture of valerian, an ounce,

For a bottle of drops.

Take of Ginger, half an ounce,

To be divided into six powders, one to be taken twice a-day.

Take of Madder, half a drachm,

A powder to be taken night and morning. See CEPHALALGIA.

FLATUS.

FLATULENCIES are, of all disorders, the most common, and have, perhaps, the least attention paid to them, notwithstanding that few persons are free from some disagreeable circumstances owing to wind; for the too rapid escape of ærial acid from vegetables eaten, proves the source of some of the worst and most crabbed chronic cases.

The causes. An acid gas arising from a too speedy fermentation in the stomach. It is not easy to imagine what a variety of bad consequences are produced from a detention of elastic air in the bowels. Many of these disorders are, by the common people, called the spleen in men, and the mother in women.

The diagnostics. Breaking wind upwards and downwards; incessant belchings, pain in the stomach, rumbling noise in the bowels, loss of appetite, heart-burn, sour breath, sensation of pent-up wind, a rumbling in the bowels; acid or nidorous belchings; bad taste in the mouth, swelling at the pit of the stomach; swelling of the abdomen, or the right epigastric region; pain in the left side, difficulty of breathing, headach, sensation of fulness after eating; nausea, especially in the morning, obstructed bile, costiveness, passing of worms or slime, spasms of the urinary vessels, sometimes a diarrhœa, ash-coloured excrements; in females, generally an obstruction of the menses. It is almost an inseparable concomitant of all bilious or gravelly complaints.

The prognostics. If of long continuance, it will require some time, but no great difficulty, to remove. If the wind is not determined downwards, the disorder, though seemingly cured, will return. In sanguineous habits, or if attended with an habitual diarrhœa, it is most troublesome to manage.

The cure. The predominant acid in the stomach is to be corrected and destroyed by alkalis, emetics, and gentle purges; the wind is to be expelled by pro-

per carminatives, nervines, and cardiacs; the bowels to be kept open by aloetics, or antimonial; if accompanied with a diarrhœa, give the bark, with opiates; ginger, castor, opiate confection, tincture of asafoetida, and such like. A milk diet, at least morning and evening, is very advisable. Abstinence from fruit, vegetables, malt, and other fermenting liquors, is indispensibly necessary; animal food, and spirits diluted with water, may be used safely, and the warmer any liquid is drank the better. Pains, sickness, and common disorders of the stomach, are soonest removed by half a pint of boiling water, taken as hot and as fast as it can be supped. Obstinate fixed pains in the sides and loins, of many years standing, have soon yielded to the following carminative:

Take of Bay berries, six drachms,
Grains of paradise, two drachms,
Socotrine aloes,
Filings of iron, of each two scruples,
Oil of turpentine, two drachms,
Simple syrup, enough to make an electuary.

The bigness of a nutmeg to be taken night and morning.

This, though not a pleasant, is a most powerful medicine, the wonderful efficacy of which I have experienced in a great many thousands of instances. Elastic air pent up in the vessels is often the cause of these fixed pains, as well as of rheumatic complaints (which may be known to be the cause by their being worse in bed), and of vagrant spasms. In such cases, some chalybeate water, with half as much boiling water, poured on it, should be drank to the quantity of half a pint, two or three times a-day.

If attended with a diarrhœa,

Take of Opiate confection, an ounce,
Red bark, six drachms,
Grains of paradise, three drachms,
Filings of iron, one drachm,
Syrup of ginger, enough for an electuary.

The quantity of a nutmeg to be taken twice or thrice a-day.

The following Tincture is well deserving of a place in the shops :

Take of Bay berries, two ounces,
Grains of paradise, an ounce,
Ginger, half an ounce,
Proof spirit, a pint,

Digest without heat for three days, strain and mark it, The Carminative Tincture.

Take of The above Carminative Tincture,
Volatile tincture of valerian, of each an ounce,

Two tea-spoonfuls to be taken night and morning. Or,

Take of The above carminative tincture, an ounce and half,
Tincture of asafœtida, an ounce,

Of these drops, let two tea-spoonfuls be taken night and morning.

If costive,

Take of Socotrine aloes, a drachm,
Precipitated sulphur of antimony,
Asafœtida,
Filings of iron, of each half a drachm,
Simple syrup, enough for pills,

Number twenty-four; two to be taken night and morning, washing them down with two tea-spoonfuls of either of the above drops. Or, if not very costive,

Take of Asafœtida, a drachm,
Precipitated sulphur of antimony,
Socotrine aloes, of each half a drachm,
Simple syrup, enough for pills,

Number twenty-four; two to be taken night and morning, taking after them a tea-spoonful of the following drops in a glass of water :

Take of Cayenne pepper, or
Long pepper, powdered, half an ounce;
French brandy, a gill,

Digest without heat for three days, and filter.

A bottle of drops,

Take of Caraway-seeds, three drachms,
Galangal, one drachm.

Of this powder, a tea-spoonful may be taken occasionally (when much oppressed with wind), in a glass of water, with a tea-spoonful of the last-mentioned drops.

To restore the overstrained fibres to their proper tone, after the stomach and bowels are well cleared,

Take of Diluted vitriolic acid, half an ounce,

Of these drops, let twenty or thirty be taken thrice a-day.

It might not be amiss to propose the following questions to every patient in all chronical complaints, viz. Have you any thing of the heartburn? Any sourness or heat in your stomach? Does water ever rise in your mouth in the morning? Do you feel a nausea or sickness at your stomach in the morning? Are you oppressed with wind in your bowels? Do you find ease in discharging it? Does it ever rise up in your throat, or seem to fly between your shoulders? Have you any pain in your left side? Do you feel a sort of weight or pressure over your eyes? Have you a sensation of fullness after eating, a fluttering about your heart? Any swelling at the pit of your stomach, or pain on the right side of it, or under the blade-bone of your right shoulder? Do you not feel a faintness and sinking within you? Are you costive? Do you find any difficulty or uneasiness in making urine? Does it seem hot? Do you ever void any worms or slime? Any difficulty of breathing? A single affirmative to either of these questions will warrant the use of one of the above formulæ, *mutatis mutandis*, according to the circumstance of the case. A due combination of such antispasmodics, carminatives, and antiacids, keeping the bowels open, or restraining the discharge, if excessive, will, to the no small surprise of the practitioner, in a vast variety of chronic cases, soon restore the unhappy sufferer to a perfect state of health, by removing the

cause of the disease, as the writer of this has joyfully experienced in many thousands of instances every year, for these twenty years past.

HYPOCHONDRIA.

THE Hypochondriacal affection, melancholy, or lowness of spirits, is a sort of delirium without a fever. This disorder is commonly supposed to originate from the imagination, because it is intensely fixed on one particular object; but, in fact, it is entirely owing to a laxity of the muscular fibres throughout the whole vascular system.

The cause. A deficiency of the vital heat in the brain (a cause diametrically opposite to that which produces the phrenitis, though the effects are similar); this may be expelled therefrom by *that*, whatever it is, which dissipates the finer fluid parts, and fixes the rest; as constant watchfulness, profuse venery, an acid gas, any excessive evacuation, particularly that of insensible perspiration; grief, disappointment, fear; the immoderate use of salads, fruits, vegetables of all sorts, sugar, fermenting liquors, vinous or malt; indigestion, flatulencies, a sedentary life, severe studies, want of exercise, indolence.

The diagnostics. The absurdity of the patient's behaviour, inactivity, dislike to motion, loathing of food, rumbling in the bowels, costiveness, oppression from wind, frequent sighing, anxiety about the præcordia; great dejection, prostration of the vital powers, internal sinkings, load at the stomach, palpitation of the heart, sullen silence, wild incoherent discourse, ridiculous notions, the mind being fixed on one object.

The prognostics. An appearance of the piles is a good sign. It is sometimes very tedious, but seldom very difficult to cure. If improper methods are used, such as bleeding, &c. it often terminates in madness, blindness, an epilepsy, or apoplexy.

The *cure*. Draw off the patient's attention from his favourite object as much as possible. Exercise must be taken; generous wines may be drank freely, as Mountain, red Port, or Madeira; or, which is more eligible, spirits diluted with water. The most nourishing diet is necessary, as milk, meat, broths, particularly of pork; strong soups, jellies, sago, vermicelli, flummery, salep, eggs; all sorts of shell-fish, as lobsters, crabs, oysters, &c. flat fish, as turbot, skate, dories, plaice, &c. soups made of lampries or cray-fish; every species of wild fowl, especially grouse, partridges, and pigeons; any animal food taken in large quantities, and often repeated. He should abstain from vegetables, fruit, and malt liquors. In this, or in any other case arising from weakness of the solids, bleeding is inadmissible: it would be a preposterous practice, indeed, to bleed an hypochondriac. Let the patient drink the chalybeate waters, use carminatives, very mild purges, corroborants, aromatics, foetids, perfumes, volatiles, sternutatories, aloetics, emetics, mercurials, blisters, setons, steel, the cold bath, infusion of horseradish, valerian tea, and ginger. See FLATUS and EPILEPSY, under which articles there is scarcely one prescription that is not of considerable utility in this malady. Begin the cure with the dry vomit, as,

Take of Tartarized antimony,
Blue vitriol, of each seven grains,

For three powders, one to be taken on an empty stomach twice a-week. Either of the under-mentioned pills may be given to vast advantage, as gentle purges: they have been-often proved:

Take of Extract of black hellebore,
Aloe pills, of each a drachm,

For twenty-four pills; two to be taken night and morning, or occasionally,

Take of Asafoetida, a drachm,
Socotrine aloes,
Filings of iron, of each half a drachm,
Simple syrup, as much as is sufficient,

Make twenty-four pills, two to be taken morning and night. Or,

Take of Socotrine aloes, a drachm,
Filings of iron,
Precipitated sulphur of antimony, of each half
a drachm,
Mucilage, enough for pills,

Twenty-four ; two morning and night.

Take of Red bark, six drachms,
Compound powder of myrrh,
Ginger, of each half an ounce,
Tartarized iron, a drachm,
Tincture of cantharides, enough to make an
electuary,

Of which (if not costive) the size of a chesnut may be taken morning and night.

Take of Volatile tincture of valerian, an ounce,

Of these drops, two tea-spoonfuls may be taken in a glass of Mountain wine twice or thrice a-day.

Take of Compound powder of asarabacca,
White hellebore root, of each a scruple,

Of this snuff let a pinch be taken every night at bed-time. Errhines seem to deserve a much higher rank in practice than they have hitherto obtained.

Take of Diluted vitriolic acid, an ounce,

Of these drops, give twenty-five thrice a-day.

APOPLEXY.

AN Apoplexy is a sudden abolition of the external and internal senses, and of all voluntary motion, with sometimes a full pulse and large respiration.

There are four species or degrees of it.

The first is, when the patient breathes, during the fit, in a manner very different from that in perfect health.

The second, when the respiration is intermitting, wheezing, and inordinate.

The third, when the breath cannot be fetched without great struggling, and nature is obliged to exert all her efforts to carry on a most laborious respiration.

The fourth, when respiration for some time totally ceases.

The *cause* is, that which wholly impedes the efflux of the nervous influence into the cellular coats of the organs of sense and motion. One would imagine, that the antients were acquainted with the real cause of it, from the derivation of its name Apoplexia, from *Apo-pletto*, to strike. The above effect may be produced from a plethora, and too great an accumulation of blood in the ventricles of the brain, but much more commonly proceeds from a deficiency thereof, and a redundance of viscid serum; as also may be reckoned among the predisponent causes, a large head, thick neck, corpulence, spasmodic contractions of the vessels, bony protuberances within the skull, acrimony of the lymph, irregularity of the non-naturals, a too liberal use of opiates, frequent drunkenness, extravasated blood; inordinate venery, especially of persons in the decline of life; the affections of the mind, an acid gas, blows, bruises, and mercurial vapours.

The *diagnostics*. Preceding the fit, dimness of sight, loss of memory, a sudden and acute pain in the head, swelling of the jugulars, vertigo, an unusual coldness of the extremities, sapine indolence, drowsiness, yawning, tremblings, a strong pulse, and redness of the face. The reader may observe, that the signs are given indiscriminately of the *sanguineous** and se-

* I never yet saw *one* sanguineous apoplexy.

rous apoplexy. In the fit, deprivation of all sense and motion; the eyes are closed as if he was dead; snoring, an unequal interrupted respiration, insensibility.

The prognostics. The fourth degree is always fatal, because the conductors from the cerebellum are affected. If the pulse is weak, respiration difficult, the patient old, or has been seized before in the same manner, loud snoring, cold sweats, frothing at the mouth; these are all symptoms of a fatal tendency. An apoplexy often terminates in a palsy. A strong pulse is a sign of recovery; if succeeding bloodletting, the patient will undoubtedly do well.

The cure. Let the patient be laid on his back, with his head raised. If plethoric, bleed; which will presently relieve by removing the cause. Hippocrates, with great justice, asserts, that bloodletting always kills or cures in an apoplexy: the reason is evident, because it is always owing to too much or too little blood. Proper means to be used are, sternutatories, emetics, blisters, particularly to the feet, purges, and corroborants.

In the fit, if cacoehymic, as is most commonly the case, he should be rubbed with warm flannel, or bathed with rectified spirit, and instead of bloodletting, use errhines. Bleeding is too generally performed in fits of all sorts, though there are very few instances in which they do not originate from a laxity of fibres and deficiency of blood. Those who are so busy with the lancet, ought to be reminded that there is yet no repeal of the Sixth Commandment.

Take of White hellebore,
Long pepper, of each a scruple,
Euphorbium, seven grains,

Let some of this powder be blown up the nose, through a quill, or some tobacco-smoke, or a little of the following errhine:

Take of Camphorated spirit,
Brandy, of each an ounce,
Water of ammonia, half an ounce,

An errhine and fofus.

A fomentation alfo for the head may be ufed of fpirits of wine, compound tincture of lavender, and oil of amber, equal parts. A clyfter fhould be injected as foon as poffible, as,

Take of Tobacco,
Rue, of each a handful,
Pennyroyal,
Colocynth, of each two drachms,

Boil in ten ounces of water, ftrain, and adminifter it warm. As foon as poffible, give the following purge or vomit :

Take of Senna leaves,
Tamarinds, of each an ounce,
Rhubarb, three drachms,
Volatile falt of amber, a fcruple,

Dilute in twelve ounces of boiling water. Of what is ftrained off, give two ounces every hour till it purges fufficiently. Or,

Take of Tartarized antimony,
Vitriolated mercury, of each five grains, a powder,

An emetic, drinking nothing during the operation.

To prevent a return, let him take two tea-fpoonfuls twice a-day of volatile fpirits of valerian, with one of the fubfequent electuaries, or pills :

Take of Valerian, an ounce,
Ginger, fix drachms,
Red fuphurated mercury, two drachms,
Syrup of orange peel, enough for an electuary.

Dofe, the fize of a nutmeg, twice a-day.

Take of Red bark, an ounce,
Caftor,
Galangal, of each two drachms,
Syrup of orange peel, fufficient for an electuary,
as before.

Take of Socotrine aloes,
Long pepper, of each a drachm,
Simple syrup, enough for pills,

Twenty-four; two to be taken morning and evening.

PALSY.

A PALSY is a laxity or immobility of a particular part, sometimes with a deprivation of the sense of feeling. If the whole side is affected, it is called Hemiplegia.

The cause. A sudden shock, from some impediment to the course of the vital heat along the nerves from the cerebrum, medulla oblongata, or spinal marrow, which lacerates the cellular tunic of the muscles destined for voluntary motion; this *may* be occasioned by a redundance (though I never met with such an instance), but is more commonly owing to a deficiency of the nervous influence, and consequently of blood.

The diagnostics. Flaccidity of the part, a diminished sensation in or incapacity of moving them; distortion of the muscles, tremors, wasting of the parts, involuntary tears, despondency.

The prognostics. A putrid palsy in young persons is easily curable; in children from dentition, will disappear of itself. In those who are advanced in years, or if universal, or if succeeding an apoplexy, or if it is attended with a marasmus, in these cases little hope is to be indulged. A fever, or spontaneous diarrhœa, are favourable symptoms.

The cure. The regimen must be pointed out from the cause. If (as has been always the case with every paralytic that I have ever seen) there is a laxity of the muscular fibres, and weakness of the solids, let the backbone be rubbed with a warm flannel, even to an

inflammation, and be bathed with oil of amber night and morning, from which method alone, and a large blister to the os sacrum and region of the loins, I have recovered many who had lost the use of the lower extremities. Apply a tight bandage to the part affected; if the leg, a strait stocking should be worn. Give Venice soap at first in pretty large quantities, and ginger and mercurials. Let the bowels be kept open, and blisters be laid on the affected parts, or one of the following outward applications be used :

Take of Cantharides, an ounce and half,
Rectified spirit, a pint,

Digest warm for three days ; a fomentation to be used twice a-day. Or,

Take of Spermaceti ointment, an ounce,
Oil of amber, half an ounce,
Oil of pepper, a drachm,
Euphorbium, nine grains,

A liniment, as before. The cold bath should be repaired to every morning ; let the patient be just covered with water, and be taken out immediately without a second dip. The warm bath is pernicious. Chalybeate waters should be drank, and electricity be tried, which I have sometimes known to be effectual, but oftener to fail. Emetics are extremely serviceable, particularly the dry vomit. See EPILEPSY. The following medicines have answered the Author's expectation :

Take of Horseradish scraped,
Mustard-seed bruised, of each two ounces,
Galangal sliced, half an ounce,

Infuse in a quart of boiling water close stopped till cold, half a pint to be taken twice a-day.

Take of Cassumunar,
Ginger, of each an ounce,
Oil of turpentine, half an ounce,
Honey, enough for an electuary,

Of which let the bigness of a nutmeg be taken thrice a-day.

Take of tincture of guaiacum, two ounces,

Of these drops give two tea-spoonfuls in three quarters of a tea-cupful of new milk night and morning. The cold bath should not be omitted every morning till well.

A tea-spoonful of tincture of cantharides, and twenty drops of tincture of muriated iron, twice a-day.

DROPSY.

A DROPSY is a swelling of the abdomen, from an extravasation of serum in its cavity, or a stagnation thereof in the vessels, whereby they are distended and often ruptured. This may happen in many other parts of the body, as, for instance, the hydrocephalus internus, hydrops pectoris, ovarium, &c. When the lymph is contained in little vesicles in distinct cells, like a bunch of grapes, these are called Hydatids.

There are three sorts of this disorder.

Anasarca, or Leucophlegmatia, when the lymph stagnates in the whole habit of the cellular membrane.

Tympanites, when the swelling of the abdomen is owing to the rarefied vapour, ichor, or putrefied fat; this is to be known by the tightness of the skin: the belly, if struck, sounds like a drum, from whence its name; no fluctuation of water can be perceived. In this case tapping is sometimes fatal (nothing issuing but pus), but sometimes it succeeds.

Ascites, when the lymph is collected in the duplication of the peritonæum, or cavity of the abdomen: this is to be known by the quashing of water, to be felt on the pressure of the lower part of the belly.

The cause. Whatever causes a stagnation of the fluids in their vessels, the bursting of the lymphatics,

and the falling down of their contents upon the membranes, acute diseases, tumours, scirrhi, hard drinking, stoppage of the necessary or usual evacuations, profuse bleeding, especially of the corpulent, who can never well bear the loss of blood, many fat persons having been bled into dropsies.

The diagnostics. Swelling of the ankles, insteps, or feet, afterwards of the abdomen, difficulty of breathing, heaviness, thirst, lassitude, torpor, costiveness, a slow hectic fever, leanness, no sweat; the urine crude, or red, white, and small in quantity, voided with difficulty, sometimes totally suppressed, want of appetite, a teasing cough.

The prognostics. If taken in time, it is easily curable; in the worst stages a cure is not to be despaired of, if the patient will for four or five weeks persist in an entire abstinence from all liquids, a lump of sugar soaked in brandy excepted, which may be taken two or three times a-day: if this is suffered to dissolve gradually in the mouth, it will sooner appease the most intense ragings of thirst, than copious draughts of water. Many have recovered of this disorder in the most hopeless state, by that means, with the use of proper evacuants. If attended with a teasing cough, difficult respiration, quick pulse, prostration of strength, high-coloured urine, total suppression of it, obstinate costiveness, intolerable thirst (and the patient will indulge it), abscesses, livid spots on the thighs, the body emaciated, the countenance pale and of a cadaverous aspect, these are the harbingers of death.

The cure wholly consists in evacuating the waters which are gathered, and in preventing their collection for the future. To this end conduce cathartics, diuretics, detergents, emetics (particularly the dry vomit), diaphoretics, and (the sooner the better) tapping; after these, corroborants, stomachics, chalybeates, and astringents.

In every stage of this disease, the region of the abdomen should be bathed with sweet oil every night and morning, and twenty drops of the balsam of copaiva be

taken on sugar twice or thrice a-day. The purges from which I have experienced the most extraordinary effects are :

Take of Rhubarb, two drachms,
 Gamboge,
 Precipitated sulphur of antimony, of each half a
 drachm,
 Vitriolated quicksilver, a scruple,
 Simple syrup, enough for pills,

Number thirty-two; the dose two or three morning and night. Or,

Take of Rhubarb, a drachm and a half,
 Gamboge, half a drachm,
 Calomel, a scruple,
 Simple syrup, enough to make into pills,

Twenty-four; two to be taken night and morning.

Take of Gamboge, a drachm,

For three powders, one of which should be taken in the morning fasting, twice or thrice a-week.

As to diuretics, no small service may be expected from the broom ashes, and the tincture of cantharides, which are far superior to any of that tribe in this case. An ounce of the expressed juice of Florentine orris root, taken twice a-day, has cured several dropsicals, as I have been told by a brother Physician; I never tried it. Of the expressed juice of artichoke leaves a tea-cupful three or four times a-day has certainly been effectual. Emetics are sometimes wonderfully efficacious; they ought not to be of the mildest sort. What I have usually given is,

Take of Vitriolated quicksilver, five grains,
 Antimony tartarized, four grains.

Let this powder be taken fasting, and nothing be drank during the operation.

If the thighs are much swelled and hard, apply a warm fomentation of strong brine every night.

From the above recipes, the scientific practitioner may select that which will sufficiently answer his most sanguine expectations ; nor need he question the safety with which any of them may be administered, any more than that of the following narcotic diaphoretic, which has performed apparent miracles. The patient should lie between two blankets instead of sheets, and the quantity of water which it will cause him to evacuate by the skin, is such as is beyond all belief, and that without the least diminution of the vis vitæ ; as the removal of a load from a man's shoulders can scarcely be supposed to weaken him. This Herculean medicine is,

Take of Purified opium,
Ipecacuanha, of each four grains,
Vitriolated quicksilver, two grains,

A powder to be taken at bedtime.

In an anasarca, use oil to the belly, and the balsam of copaiva inwardly. If the legs are much swelled, they should be retained in a horizontal position for the chief part of the day, and straight stockings be worn. A gentle emetic every other morning, such as five grains of ipecacuanha, and the following electuary and drops, I have found sufficient for a cure :

Take of Conserve of squills, an ounce and a half,
Magnesia alba, an ounce,
Rhubarb, three drachms,
Simple syrup, enough for an electuary,

The bigness of a nutmeg to be taken twice a-day.

Take of Gamboge, half a drachm,
Spirit of ammonia, an ounce and half,

Of these drops let a tea-spoonful be taken night and morning, or oftener, as occasion requires.

When the cure is nearly effected, to restore the fibres to their proper tone, it may not be amiss (as on restoration from the dropsy also) to use

Take of Red bark, six drachms,
Filings of iron, one drachm,
Mucilage of gum arabic, enough for an electuary.

Dose, the size of a nutmeg twice or thrice a-day.

In a tympanites (as also in a dropsy), a salivation has sometimes succeeded. See FLATUS. Perhaps it would be more eligible to use aloetic purges, corroborants, and stomachics only, and leave the rest to nature.

JAUNDICE.

THE Jaundice is a copious effusion of the bilious fluid throughout the whole habit of the body.

The *cause* is most commonly an obstruction of the bile, from viscidities, or calculous concretions in the biliary duct, or in the liver itself, a scirrhus of the liver; or a too profuse secretion of bile.

The *diagnostics*. An overflowing of the bile, a yellow colour of the skin, and especially of the eyes, a bad appetite, thirst, bitter taste in the mouth, bilious vomiting, pain in the stomach or bowels, swelling at the pit of the stomach after eating, increasing in size and hardness; pain or swelling in the right hypochondre, periodical colics, rumbling of the bowels, listlessness, itching in the skin, the urine and fæces intensely yellow.

Of an obstruction of the bile, the diagnostics are white or ash-coloured stools; obstinate costiveness; the colour of the skin black, nidorous belchings.

The *prognostics*. If recent, it is easily cured; a black turbid urine indicates the expulsion of the disease: the yellower the skin the easier, the blacker the harder it is to be removed. From a scirrhus in the liver, stones in the gall-bladder, or if inflations of the hypochondres take place, great danger is foreboded.

In a state of pregnancy it is of little consequence ; parturition cures it. It sometimes terminates in a dysentery.

The *cure*. Blood-letting is unnecessary. The diet should by no means be vegetable. A couple of raw eggs fasting ought not to be omitted, and, if repeated three or four times a-day, great advantage will result in every stage of this disorder. As to medicinal assistance, begin with the dry vomit, if there is no reason to suspect the existence of a stone in the gall-bladder, though even then it may be administered with safety, but the patient will suffer more pain ; a clyster, therefore, or purge, may be preferable. Avoid chalybeates *at first*, for an incurable scirrhus of the liver may be the consequence of their premature use, though they are the best of medicines in some stages of this disorder. For children the following is equally safe and efficacious :

Take of Chalk, ten grains,
Rhubarb, five grains,
Filings of iron, one grain ;

This powder may be repeated night and morning ; or as there is occasion.

If a clyster is thought necessary, an ounce of soft soap in seven ounces of the decoction for a clyster is an excellent one. I have been told that an ounce of the expressed juice of dandelion will cure the yellow jaundice, if taken twice or thrice a-day ; I never tried it. The balsam of copaiva is of considerable utility. Either of the following medicines may be depended on, to answer all the ends which can be desired ; one of the electuaries may be made use of first, the chalybeate pills to perfect and confirm the cure. The choice must depend on the circumstances of the case and skill of the prescriber.

Take of Turmeric,
Venice soap, of each an ounce,
Columba root, a drachm and half,
Rhubarb, half an ounce,
Oil of juniper, two drachms,
Simple syrup, enough for an electuary.

Dose, the size of a nutmeg, twice or thrice a-day. Or,

Take of Conserve of orange peel,
Venice soap, of each an ounce,
Magnesia alba, six drachms,
Rhubarb, two drachms,
Tolu syrup, enough for an electuary.

The size of a nutmeg night and morning.

Take of Socotrine aloes, a drachm,
Asafoetida,
Precipitated sulphur of antimony,
Filings of iron, of each half a drachm,
Simple syrup, enough for pills,

Number twenty-four; two to be taken morning and night.

Take of Columba root,
Rhubarb, of each a drachm,
*Precipitated sulphur of antimony, half a drachm,
Tincture of cantharides, enough for pills,

Thirty-two; two or three to be taken night and morning.

Take of Gum guaiacum, a drachm and a half,
Quicksilver pill,
Camphire, of each a drachm,
Simple syrup, enough for pills,

Number thirty-two; two to be taken night and morning. Or, the powders at the close of this article.

Rhubarb alone, if skilfully administered, will remove almost any jaundice. Or,

Take of Rhubarb, any quantity,
Soap, enough for pills, size of a pea,

Two, three, or four, night and morning, enough to keep the body gently open.

In habitual bilious colics, opiates may be given at discretion. The patient is often seized with a violent

* Or, filings of iron, half a drachm, and five grains of tartarized antimony.

pain in the stomach and right side, a nausea succeeds, with vehement retchings, till the stone passes through the ductus choledochus into the duodenum, and he then in a moment is as well as if nothing had happened, until another stone obstructs the passage, and then the same tragedy is acted over again. I have seen persons to whom those fits have returned thrice in twenty-four hours. The following medicines have relieved them :

Take of Prepared kali, two drachms,
Calced antimony, one drachm,
Pure water, seven ounces,
Sugar, as much as you please.

Of this mixture let three spoonfuls be taken thrice a-day, with two tea-spoonfuls of the following drops :

Take of Volatile tincture of valerian, two ounces. Or,
Take of Columba root, a drachm and a half,
Grains of paradise,
Rhubarb, of each half a drachm,

Make into six powders, one to be taken night and morning. See JAUNDICE.

VENEREAL DISORDERS.

A CLAP is a flux of matter from the glands called lacunæ, situated in the internal parts of the urethra in men, and of the pundenda in women : the fluid which oozes from the secretory glands in their natural state was designed to lubricate the passage, and line it with a viscous mucus, which might sufficiently defend the extremities of the nerves from being irritated by the salts or acrimony of the urine. When this mucus is abraded and carried off by the attenuated discharge, occasioned by the venereal poison which irritates their orifices, the urine causes an intolerable pungent, smarting, or burning sensation. Hence this disorder is called by the French *Chaudpisse*, signifying hot urine.

The *cause* originates from an acrid poison, or infectious miasmata, acquired by impure coition: these insinuate themselves into the minute mouths of the lacunæ, and consequently increase their diameter, whence a copious running of thinner matter than usual must issue. Cowper's and the prostate gland are often affected.

This distemper is by no means a native of Europe, but was first imported by Christopher Columbus to Naples, from America, and spread through that city with prodigious rapidity. Somewhat more than a year after his return from his first voyage, the French army sat down before Naples in the year 1492. The Neapolitans being distressed by a scarcity of provisions, thought it necessary to discharge the most useless persons from their town, amongst whom were the courtezans, who were received by the besiegers with their usual politeness to that sex; the horrid ravages which this disorder soon after made in the camp obliged the French to raise the siege: upon this account it obtained the name of the French disease, and will in all probability ever retain it, notwithstanding the umbrage France has taken at it, and the repeated efforts she has made to shake off the opprobrium.

It was then a new disorder, and certainly was never known in Europe before; for whatever has been advanced to the contrary, might easily be refuted. The physicians were puzzled, the people were alarmed, for it was supposed to be equally as infectious and fatal as the pestilence: neither monasteries nor nunneries were exempt from it, nor even the holy fathers of the conclave. It was to be caught (heaven bless us!) by being in the same room with an infected person, or walking on the same side of the way in the street; but, however, with due deference to the characters of those times, it cannot be taken without contact. So deplorable was the situation of affairs then, that thousands were deserted, and left to rot without the least assistance.

But it being foreign to my design to enter into the

history of diseases, I shall only observe, that there is no distemper which is better understood in this enlightened age, nor any one that is with more certainty, or with greater facility, to be cured, even in all its stages, and without that nauseous (though formerly reputed necessary) process of salivation.

The *diagnostics*. Three or four days (generally), but it may be a week or ten days after the infection is received, the running comes down with a tickling sensation ; difficulty in making urine ; smarting or scalding ; sometimes the cavernous bodies of the penis are puffed up, appear like a sponge, and are of an astonishing bulk ; the matter yellow or green, which last is the worst colour it can be of, because it indicates an incipient gangrene ; phymosis, when the prepuce cannot be brought back ; paraphymosis, when it is tucked down behind the glands and cannot be brought forward to cover it ; chordee, or great pain when the penis is erected ; frequent stimulations to venery. When the infectious matter has crept into the lymphatics, and from thence is conveyed into the blood, a dry pox is the consequence : though perhaps the miasmata are of a nature quite different from those which produce a clap, yet, if the running is stopped too soon in the latter, the symptoms of the former will undoubtedly appear, which are as follow : buboes in the groin, chancres, crystallines, a swelled testicle ; warts, mariscæ, fici, rhagades, condylomata, blotches ; green seedy excrescences on the neck, breast, or shoulders ; ulcers in the head, eyes, nose, or fauces ; mortification, nocturnal pains, tingling in the ears, gummi, nodes, tophs, a rash, scurf, crusts, scabs, caruncles, and carnosities in the urethra, total suppression of the urine, bloody urine ; atrophy, or wasting of the flesh ; erratic pains in the sides ; difficulty of breathing, especially when lying on the back ; clonus hystericus, corona veneris ; softness and rottenness of the bones. This affection of the bones is not unjustly ascribed more to the too liberal use of quicksilver than to the venereal virus : thus it may be observed that the nose falls when the salivation is at its height. Many symptoms mimic venereal complaints,

which are entirely owing to the lodgements of quicksilver in the minutest vessels ; sulphur clogs and chokes this active mineral. I have known numbers who thought that they laboured under a confirmed pox (when they were actually freed from the venereal venom) who have not only been relieved but perfectly cured of all their complaints by the use of an electuary composed only of flowers of sulphur and honey ; dose the bigness of a walnut night and morning.

The prognostics. If the running is imprudently dried up before the infection is extirpated, a confirmed pox is the consequence, as is often the case also from the use and frequent repetition of strong purges ; for the natural elasticity or springiness of the fibres from such an irritation will squeeze the infection into the blood. The miasmata will sometimes float about in the fluids for several weeks, before there is any appearance of those dreadful consequences which will sooner or later in good earnest take place. It is easily cured in any of its stages, by due care and proper medicines. It is curable with much less difficulty in men than in women.

The old method of giving a calomel bolus at night and a purge next morning is justly exploded, for it tears the constitution to pieces ; it is, at best, a precarious and often a fallacious procedure : by this means many a pox has been manufactured from a very trivial injury.

Salivation is not necessary even in the worst cases, nor is there any one to be cured by it who is not much more easily cured without it. When eruptions appear, with all the indications of a pox, what can be more ridiculously absurd than to melt down those salts into the blood that they may pass off by the salival glands, when nature so plainly points out the method by which they ought to be expelled ? The solution of muriated quicksilver hereafter mentioned, with a proper liniment to open the pores and increase their diameter, will enable her to throw them off by perspiration. Salivation is only the effect of an alteration made in the fluids, which alteration is as easily made without producing that disagreeable and nauseous consequence ;

nor will it always succeed, for I have known many who have been salivated four, yea, five times without success, yet have found no difficulty in curing the same persons afterwards by much milder methods.

The cure. In a recent injury the bowels should be kept gently open; bleeding and violent purging are equally improper and useless; there need be no alteration of the usual method of living, nor are the effects of the inflammation, as it is called, in the least to be dreaded. I have known several, who have been drunk every night till the cure was completed, without suffering any other inconvenience than an increase of the smart in making water, which must be the consequence of an increased running; an event in every other respect by no means undesirable.

Of the **stronger quicksilver ointment* let the size of a small hazel nut be used night and morning, to be rubbed on the perinæum, between the testicles and fundament, and the inside of the thighs. If injections are permitted, a tea-spoonful of oil of olives may be used night and morning. Or a scruple of calomel in an ounce of mucilage; a tea-spoonful of this also may be used twice a-day, two grains of muriated quicksilver dissolved in six ounces of mucilage, which in most cases, used as a lotion, would alone be sufficient for a cure: however, without any injection, if the quicksilver ointment is made use of, and one of the following formulæ is given internally, such a method is as safe, certain, expeditious, and radical, as any in the power of medicine; this I have experienced in some thousands of instances.

A pewter syringe or squirt, with a nozzle about an inch long, is best; those with a long pipe or nozzle are very apt to do mischief.

N. B. Nitre is often prejudicial, and sometimes greatly increases the uneasiness in making water.

* Or, which is neater, of white calx of quicksilver, three drachms, ointment of hog's lard, half an ounce.

Take of Gum arabic, two ounces,
 Red sulphurated quicksilver, half an ounce,
 Jalap, three drachms,
 Oil of sassafras, one drachm,
 Balsam of copaiva, enough for an electuary,

Dose, the size of a nutmeg, morning and night. Or,

Take of Gum arabic, an ounce and half,
 Quicksilver, with sulphur, an ounce,
 Gum guaiacum,
 Jalap, of each two drachms,
 Balsam of copaiva, sufficient for an electuary.

The bigness of a nutmeg to be taken twice a-day. Or,

Take of Rhubarb, four scruples,
 Calomel, one scruple,
 Simple syrup, enough for pills,

Twenty-four; two at night only. Or,

Take of Muriated quicksilver, five grains,
 Muriatic acid, five drops,
 Rhubarb, a drachm,
 Simple syrup, enough for pills,

Twenty-four; two to be taken every night and morning.

Take of Muriated quicksilver, ten grains, dissolve in muriatic acid, twelve drops, then add compound tincture of lavender, an ounce,

For a bottle of drops; twenty to be taken in a glass of white wine,* or milk,* or water gruel,* or water, having dissolved in it two scruples of gum arabic powdered, morning and night.

The author scarcely thinks it worth his while to observe, that he was the first person (as far as he knows) who gave the muriated quicksilver inwardly: the above solution he invented after innumerable trials in the year 1753, and has used it ever since; he has ordered it some thousands of times, and is fully persuaded that, if it is properly managed, there is no stage of this disorder

* These disguise the disagreeable taste best.

der, in which it will prove efficacious, nor has it ever once deceived him. The only secret in the management of this medicine, is to give it in such a manner that it may act beyond the *primæ viæ*, and not run off by stool; there is then no desirable effect which may not be expected from it. One motion in the twenty-four hours is natural; *one* may be produced by the drops; but if the patient should have more than *two* in a day, let the dose be diminished to fifteen, ten, seven, or even five drops.

A CONFIRMED POX.

Crystallines need only be snipped, and the acrid lymph will be evacuated. A proper application to heal them with is,

Take of Ointment of elemi, half an ounce,
Red nitrated quicksilver, a drachm.

To be applied twice a-day.

Buboes, if soft, white, or flabby, disperse by rubbing in the stronger quicksilver ointment, as before-mentioned, night and morning, at the same time taking inwardly the above drops.

If the buboes are red, hard, and look angry, let the bread and milk poultice be applied to them till they break: the last prescribed ointment is an excellent dressing, or the gum plaster; they may be kept open with a pea, like an issue, as long as it is thought necessary. Some indolent tumours of this sort require opening.

Warts, rhagades, &c. cut off, and apply a caustic; if this is not permitted, use the stronger quicksilver ointment. Or, touch with these drops night and morning,

A scruple of muriated quicksilver dissolved in an ounce of water.

Caruncles try to break with a bougie; if that doth not succeed, then, with an armed probe, apply

Take of Ointment of elemi,
Red nitrated quicksilver, of each half an ounce,
Water of kali, twenty drops,

A liniment.

At the same time let not the stronger quicksilver ointment be omitted, but be rubbed externally on the perinæum twice a-day.

Carnosities require the same method of treatment with caruncles.

Phymosis,	} Soak the penis in warm milk night and morning. Avoid the least application of mercurial ointment to it. And,
Paraphymosis,	
Chordee,	
Swelled præpuce,	
Chancres,	

Take of Water of acetated litharge, twenty-five drops,
Rose water, three ounces,

A lotion to be used frequently. Chancres may be touched night and morning with a lotion of a scruple of muriated quicksilver, dissolved in an ounce of water, and dressed with,

Take of The strongest quicksilver ointment,
Tar ointment, of each equal parts.

For crusts, scabs, blotches, and ulcers in the throat, if venereal, give the above solution of muriated quicksilver, and let a little of the following powder be sprinkled on a hot iron, and the fumes be received on the fauces by means of an inverted funnel, twice or thrice a-day.

Take of Red sulphurated quicksilver, two drachms,
Frankincense, two scruples,
Camphire, seven grains,

A fumigation. And,

Take of Muriated quicksilver, two grains,
Muriatic acid, two drops,
Rose water, six ounces,

A gargle to be used night and morning.

If owing to the relics of the quicksilver (which is a very common case), give the sulphur and honey.

A swelled testicle. Give immediately five grains, at least, of vitriolated quicksilver, and,

Take of Camphire,
Oil of olives
Oil of aniseeds, of each half an ounce,

A liniment to be used every two or three hours. Or,

Take of Water of litharge acetated, two scruples,
Pure water, five ounces,

A lotion, in which let a piece of linen rag be dipped and laid on the testicle; when dry, to be again repeated, or kept constantly wetted, and the bread and milk poultice at night: if it is not resolving on the next morning, give a bolus of half a drachm of compound extract of colocynth, with ten grains of the quicksilver pills. The warm bath will hasten its removal. It should be suspended pretty tight by a bag truss, till well.

Take of Rhubarb, a drachm,
Calcined quicksilver, a scruple,
Simple syrup, enough for pills,

Twenty-four; two to be taken every night, or one night and morning. Or, if laxative,

Take of Gum guaiacum, one drachm,
Pure opium, half a drachm,
Calcined quicksilver, fifteen grains,
Simple syrup, enough for pills,

Number thirty-two; two to be taken every night. Or,

Take of Muriated quicksilver, ten grains,
Spirit of nitrous æther, an ounce,

Of these drops let twenty be taken night and morning, in a glass of water.

Take of Winter's bark,
Mezereon, of each an ounce,

Boil in a gallon and half of water to a gallon; when the boiling is almost finished, add an ounce of prepared kali to every pint. Of this decoction let half a pint be drank twice or three times a day, which with the above drops or pills, will remove nocturnal pains, nodes, tophs, &c.

If the nocturnal pains are very grievous, rub on the shins some of the stronger quicksilver ointment every night, and give two of the following pills every other (or every) night, viz.

Take of Colocynth, two scruples,
Purified opium, one scruple,
Precipitated sulphur of antimony,
Vitriolated quicksilver, of each ten grains,
Simple syrup, enough for pills,

Number twelve.

Eruptions on the skin will soon vanish, if rubbed over with the following liniment, morning and night :

Take of Hog's lard, an ounce,
Precipitated sulphur, two drachms,
White calx of quicksilver, two scruples,
Water of kali, a drachm,
Oil of sassafras, twenty drops.

See SCORBUTIC ERUPTIONS.

The sarsaparilla and china root are said to possess wonderful virtues; but the author, after a long series of fair trials, was so unfortunate as not to be able to discover them.

GLEET.

A GLEET is a drain of matter from the urethra.

The *causes*. An ill-cured clap, salivation, profuse venery, a strain, laxity of the fibres.

The *diagnostics*. From the abrasion of the mucus; heat of urine; indifference to coition; pain in the back or loins; general debility; hanging down of the testicles; lowness of spirits; loss of appetite; at going to stool, the discharge of a glairy matter, in colour and consistence like the white of an egg; the colour of that which oozes is sometimes brown and sometimes yellow, of which last colour it may continue to be (if of long duration, or in those who have been frequently injured) without any remaining infection.

The *prognostics*. If white or ropy, or thin and glairy, or if flocci appear on the urine, it is easily cured. If of long standing, it will require some time to muzzle it. There is no case so obstinate but may be cured by some of the following medicines. It has been the torture of physicians, yet I never met with one (though I have had great numbers who were deemed incurable) with whom I did not succeed.

The *cure*. The patient should abstain from all vegetables, acids, and sugar, if the case be inveterate, and all fermenting liquors: malt or vinous spirits, diluted with water, are harmless. The most proper regimen is—rising early in the morning; gentle exercise; the cold bath, just plunging over head and ears (every morning), and coming out immediately without taking a second dip, or remaining one moment in the water; any animal food, particularly pork, pigeons, partridges, grouse, flat fish, shell fish, eggs, jellies: for breakfast and supper, milk. From the medicinal classes; detergents, astringents, corroborants, chalybeates, balsamics, fatus, injections, and dry vomit. Isinglass chewed to the quantity of half an ounce a day and the saliva swallowed, is an excellent help. The glans penis should be frequently washed: much depends on

cleanliness. The following formulæ are such as have proved successful, and I never used any other :

Take of Gum arabic, two ounces,
Olibanum, two drachms,
Filings of iron, one drachm,
Cantharides, a scruple,
Balsam of copaiva, enough for an electuary.

The bigness of a chesnut to be taken night and morning.

Take of Red bark, an ounce,
Gum guaiacum,
Olibanum, of each half an ounce,
Tincture of cantharides, enough for an electuary.

Dose, the size of a nutmeg, twice a day.

If costive,

Take of Conserve of orange peel, an ounce and half,
Gum guaiacum, half an ounce,
Rhubarb, two drachms,
Oil of cloves, one drachm,
Tincture of cantharides, sufficient for an electuary.

The size of a walnut to be taken night and morning. Or,

Take of Socotrine aloes,
Filings of iron, of each a drachm,
Cantharides, nine grains,
Simple syrup, enough for pills,

Twenty-four. Two to be taken every night. Or, if the body is too open,

Take of Purified opium, twelve grains,
Cantharides, seven grains,
Filings of iron,
Asafœtida,
Precipitated sulphur of antimony, of each half a drachm,
Simple syrup, enough for pills,

Twenty-four ; two every night.

Take of Tincture of Peruvian balsam,
Compound tincture of benzoin, of each an ounce.

Of these drops, let two tea-spoonfuls be taken twice or thrice a day.

The testicles and parts adjacent should be bathed with a fots of brandy and vinegar, equal parts, at going to bed, and on rising in the morning. Vinegar and water, or vinegar alone, is an excellent injection. Or,

Take of Acetated ceruse, four grains,
Calomel, a scruple,
White vitriol, five grains,
Rose water, eight ounces,

For an injection. A tea-spoonful to be used night and morning. Or,

Take of Muriated quicksilver, two grains,
Muriated acid, two drops,
Rose water, eight ounces,

For an injection as before. Or,

* Take of Blue vitriol, a scruple,
Boiling water, an ounce and half,

Dissolve in a copper vessel, and make an injection as before.

DIARRHŒA.

A DIARRHŒA is an immoderate or too frequent discharge of the excrements. If the matter excreted be undigested food, it is called a lientery. If crude, of an ash-colour, or whitish, it obtains the name of a cœliac passion. If the fœces are sufficiently digested and aqueous, it is then a diarrhœa.

The *cause* of a lientery is whatever impedes fermentation in the stomach, or irritates its villous coat.

Cœliaca arises from an obstruction of the lacteals, or deficiency of bile.

* This Herculean remedy requires some care and nicety in the management of it, viz. to lower it with water to such a point as to give little or no pain at first, and increase its strength by degrees.

A diarrhœa is from a redundancy of serum, which may be owing to consent of parts, as a humid cerebrum, dentition, balbution, &c. from a too large quantity of food taken, at least such an one as is disproportionate to the powers of the digestive or chylopoietic organs; a morbid quality, lubricity of the intestines, laxity of the muscular fibres, deficiency of heat, sometimes from an effort of nature to relieve herself, by making a push at the bowels, and thereby carrying off a diseased excrement.

The *diagnostics*. They in general appear from what has been said, to which may be added bilious, black, slimy, or viscid excrements; tenesmus; frothy, greasy, or watery stools, sometimes like pieces of putrified flesh; loathing of food, faintness, weariness, prostration of the vis vitæ, frequent gripings, rumbling in the bowels, swelled legs, an emaciated habit, cold sweats, spasms, a slow hectic.

The *prognostics*. If of long duration, it weakens and excoriates the bowels, from whence arise weakness, dysentery, atrophy, inspissation of the fluids, universal laxity of the solids, and accumulated acrimony. Critical evacuations without much pain ought not to be checked; let a few doses of rhubarb be given to expel the noxious saburra, and assist nature in her intentions. In a long continued series of moist weather, it is epidemical, from a deficiency of the vital heat; in old age, it is dangerous. Coming immediately after a pleurisy, or peripneumony (Hippocrates justly observes), formidable: it is bad, says the same author, if the stools are very watery, white, yellow, or frothy; worse if black, livid, little, and glutinous*.

The *cure*. Let the patient be removed to a clear dry air; for the most healthy bodies are liable to this disorder on visiting a moist climate. Exercise should be taken, particularly riding on horseback in the morning: for diet, animal food, broths, jellies, and rice milk: the cold bath. For common drink, decoction

* These are what nurses call death stools.

of hartshorn; clysters are of considerable service, especially in case of a tenesmus; as,

Take of Starch, a drachm and half, dissolve in six ounces
of water, then add
Oil of olives, an ounce,
Tincture of opium, a drachm.

Astringents must be given; opiates ought not to be neglected, nor the dry vomit. Begin the cure with an emetic, viz. a scruple of ipecacuanha, and one grain of blue vitriol; then a lenient cathartic; after which, if the pain continues, an anodyne. The reader will find a sufficient number of prescriptions, which have been successful, subjoined.

Take of Rhubarb, a scruple,
Toasted nutmeg, fifteen grains,
Prepared kali, ten grains,
Syrup of orange peel, enough for a bolus,

To be repeated occasionally.

Take of Compound powder of chalk, with opium, two
drachms,
Toasted nutmeg,
Mastich, of each a drachm,

For six powders; one to be taken twice a-day, drinking after it four spoonfuls of the following mixture:

Take of The chalk mixture, seven ounces,
Strong cinnamon water, two ounces. Or,

Take of Tormentil root,
Red astringent gum, of each a drachm,

For six powders; one to be taken twice or thrice a-day.

Take of Compound powder of chalk, with opium, two
scruples,
Filings of iron, three grains,
Syrup of white poppies, enough for a bolus,

To be taken at bedtime.

Take of Conserve of red roses, an ounce and half,
Compound powder of gum tragacanth, an ounce,
Syrup of white poppies, enough for an electuary,

Dose, the size of a nutmeg, three or four times a-day.

Take of Opiate pill, myrrh,
Mastich, of each two scruples,
Simple syrup, enough for pills,

Number twenty-four; one to be taken twice or thrice a-day.

Unripe blackberries, kept in powder, are worthy a place in the shops; half a drachm may be taken twice or thrice a-day, or the same quantity of extract of logwood. When the diarrhœa is subdued, to recover the appetite and restore the tone of the fibres,

Take of Red bark, an ounce,
Aromatic powder, three drachms,
Filings of iron,
Galangal, of each one drachm,
Syrup of orange peel, enough for an electuary,

The size of a nutmeg to be taken night and morning.

Take of Tincture of catechu, six drachms,
Compound tincture of lavender, two drachms,

A bottle of drops; a tea-spoonful night and morning.
Or,

Twenty drops of the muriated tincture of iron,

Night and morning.

DYSENTERY.

A DYSENTERY is a flux of blood from the bowels.

The causes. An acrid blood, erosion of the intestines, abrasion of the mucus; long continuance of a diarrhœa; something acrimonious which has been eaten or drank, violent purges.

The diagnostics. Bloody stools, with films, slime, pieces of flesh, phlegm, bile, or pus; anguish in the stomach and bowels; faintness, spasms, tenesmus, Hippocratic countenance.

The prognostics. If it is stopt too soon, such a method is productive of the worst consequences ; if attended with a hiccough, syncope, or in old persons, great danger is foreboded ; and a gangrene or scirrhus of the intestines, or meseraic glands, is fatal.

The cure. For diet, rice-milk, fat broths, and, in the summer time, berries of all sorts may be eaten at pleasure, particularly strawberries. The expressed juice of the solanum or nightshade is said to be a specific in this disorder, with what truth I know not. The cerated glass of antimony has been strongly recommended : I have seen instances wherein it has succeeded, but more wherein it has failed. The buds of birch, powdered and mixed up with conserve of red roses, is a medicine that will seldom disappoint expectation : this has, for many years, been sold at a guinea a gallipot, and is still used in the navy. The conserve of roses itself it is no despicable remedy, for I have often known it to answer alone, when taken to the quantity of two or three ounces in a-day.

Begin the cure with a dose or two of salts ; after which a little rhubarb may be given ; then give three or four grains of ipecacuanha, and two grains of tartarized antimony every morning :—with any of the following formulæ :

Take a sheet of white paper, cut into slips, boil in a pint and half of milk to a pint, to be taken at twice.

N. B. This never deceived me. For common drink, two ounces of gum arabic may be dissolved in a quart of water, sweetened to the taste. Two scruples of the compound powder of chalk with opium should be given every night.

Take of Conserve of red roses, two ounces,
Yellow wax, half an ounce,
Filings of iron,
Galangal, of each a drachm,
Syrup of orange peel, enough for an electuary.

The size of a nutmeg to be taken twice or three times a-day. Or,

Take of Red bark, six drachms,
 Tormentil root,
 Red astringent gum, of each two drachms,
 Syrup of ginger, enough for an electuary,

Dose, the size of a nutmeg thrice a-day.

Take of Compound powder of gum tragacanth, two
 ounces,
 Spermaceti, half an ounce,
 Balsam of copaiva, enough for an electuary.

The bigness of a nutmeg to be taken morning and night.

Take of Red astringent gum, four scruples,
 Columba root, two scruples,
 Purified opium, ten grains,
 Simple syrup, enough for twenty-four pills.

Two to be taken night and morning, or oftener, if occasion.

CHOLERA MORBUS.

THE Cholera Morbus is a disorder of the stomach and bowels, always accompanied with vomiting and purging.

The cause. An acrid bile, which may be vitiated by various means ; as by eating more than can be digested ; by taking too copious a draught of cold water ; by continuing too long in the cold bath ; by a deficient secretion of the pancreatic juice ; by profuse evacuations, or feeding voraciously on fat or fruit.

The diagnostics. It is most common in autumn ; retching, nausea, purging, griping, spasms, contractions of the hands and feet, bitter taste in the mouth, green colour of that which is ejected and dejected, sometimes it is black ; tremors, cold sweats, facies Hippocratica.

The prognostics. If the inclination to go to stool abates first, it is a good symptom. Syncopes, a dou-

ble beating or rebounding pulse, propensity to evacuate superseded by faintness, tumour at the pit of the stomach; all these signs denote great danger, and, in elderly persons, death.

The cure. Give plentifully of thin broths to facilitate vomiting; the custom is not yet relinquished of administering a puke, though it seems to be needless; broth also may be thrown up in clysters. Or,

Take of White poppy seeds,
Cucumber seeds, of each half an ounce, boil in
ten ounces of water to seven,
Oil of castor, two ounces,
Nitre, four scruples,
Acetated ceruse, a scruple,

For a clyster.

For a common drink, give a decoction of crust of bread well toasted, till broth can be prepared, or coffee. Apply a bit of cotton dipped in the following mixture to the pit of the stomach:

Take of Camphire, a scruple,
Tincture of opium, two drachms,
Oil of nutmegs, cloves, and mint, of each
twenty drops:

Or, bathe the pit of the stomach frequently with brandy, or camphorated spirit.

Take of Calcined antimony,
Rhubarb, of each a scruple,
Purified opium, two grains,
Simple syrup, enough for a bolus,

To be taken as soon as the patient has had plentiful evacuations upwards and downwards, and begins to grow faint, washing it down with the following draught:

Take of Peppermint water, an ounce and half,
Spirit of cinnamon, half an ounce.

See COLIC and VOMITING.

TENESMUS.

A TENESMUS is a continual desire of going to stool, without voiding any thing more than an acrid mucus: the part affected is the rectum, or its sphincter. It is rarely an idiopathic disease.

The cause. A laxity of the fibres; spasmodic constriction; a paralytic affection of the sphincter ani; abrasion of the mucus, ulcer, or acrid irritating fluid in the rectum; hæmorrhoides, worms, stone, diarrhœa, dysentery.

The diagnostics. A pungent pain in and about the rectum; frequent inclinations to go to stool, without correspondent evacuations; violent straining without voiding any thing but a viscid or bloody mucus; sensation of weariness, faintness.

The prognostics. If idiopathic, and the patient is not subject to a prolapsus ani, it is by no means formidable or rebellious; if it proceeds from an ulcer in the strait gut, or if it is symptomatic in a diarrhœa or dysentery, or accompanied with fainting fits, it portends great danger, and demands immediate assistance.

The cure. Use emollient fomentations and clysters; let the body be kept as still as possible, and in an easy position.

Take of Gum arabic, an ounce, dissolve in seven ounces
of whey, to which add
A drachm of tincture of opium,

For a clyster. Or,

Take of New milk, five ounces,
Sweet oil, two ounces,
Tincture of opium, a drachm,

For a clyster.

Or the starch clyster in a diarrhœa.

Take of Flowers of sulphur,
Rhubarb, of each a scruple,

Purified opium, two grains,
Simple syrup, enough for a bolus,

To be repeated as there may be occasion.

Take of Conserve of red roses, an ounce and half,
Spermaceti,
Elecampane, of each half an ounce,
Rhubarb, a drachm,
Syrup of white poppies, enough for an electuary.

The size of a nutmeg to be taken morning and night.

PILES.

THE Piles are a painful and sometimes periodical tumour in the lower part of the rectum: if they discharge blood, they are called the bleeding piles; if not, the blind piles: according to the size and shape, they are nominated verucal, uval, moral, or vesical.

The *causes*. A plethora, a cacochymy; violent exercise, particularly hard riding; neglect of usual evacuations, laborious efforts in parturition; costiveness, straining hard at stool, lentor; viscosity or acrimony of the fluids.

The *diagnostics*. Swelling of the anus; great pain at going to stool, voiding of blood, sensation of a pungent pain; heat, or weight, and pressure in the anus.

The *prognostics*. They sometimes, though rarely, inflame and become gangrenous; sometimes grow ulcerous, and bring on a fistula. If they continue long without being resolved, they are exceedingly troublesome, and even render life burthensome. If they happen periodically, and are always attended with a discharge of blood, they are salutary critical evacuations, and to stop them may prove dangerous, unless the bleeding is very profuse, and occasions faintness, weakness, or loss of appetite.

The *cure*. Due regard must be paid to the cause from whence they spring, and the concomitant symptoms with which they are attended. If owing to a plethora, bleed; or order a diluting sparing regimen, with the liberal use of fruit, vegetables, cucumbers, and such like. But if they appear in a cachectic habit, it is needless to say all these things should be avoided, and those only proposed which are easiest of digestion.

Note—The viands which digest soonest, and afford the most laudable nourishment, are milk, eggs, partridge, chicken, shell-fish, jellies, and pork; there is no vegetable that digests so soon as animal substance: the bones of birds will be converted into a mucus in the stomach in less time than even bread, as I have found by frequent experiments. Nature never designed that mankind should use a vegetable diet only; and it is astonishing that Dr. Cheyne should recommend it to hypochondriacs and to persons subject to the gout; though, indeed, he retracted what he had written on this head before he died.

The means necessary for the relief of patients in this disorder, are fomentations, liniments, astringents, attenuants, resolvents, sulphureous medicines, and opiates.

For the bleeding piles,

Take of Expressed juice of yarrow,
 ————— of plantain, each five ounces,
 Sugar, as much as you please:

Of this mixture, let four spoonfuls be taken night and morning. Or, syrup of elder-berries.

If the patient is costive,

-Take of Electuary of senna, an ounce,
Precipitated sulphur, seven drachms,
Jalap, one drachm,
Syrup of buckthorn, enough for an electuary.

Dose, the size of a nutmeg morning and night.

If he is of a lax habit,

Take of Compound powder of chalk,
Olibanum, of each a drachm,
Simple syrup, enough for pills,

Number twenty-four; two to be taken once or twice a-day.

A fomentation may be used, of an ounce and a half of lime-water, with half an ounce of tincture of opium. Or, half an ounce of the spermaceti ointment, well mixed with seven grains of powdered opium: this ointment, or the above, should be applied two or three times a-day to the rectum and the blind piles, when painful.

Take of Quicksilver, with sulphur, an ounce and half,
Precipitated sulphur, half an ounce,
Rhubarb, a drachm and half,
Honey, enough for an electuary,

The bigness of a nutmeg to be taken night and morning.

The parts may be touched three or four times a-day with hog's lard, or oil of amber, or camphorated spirit.

The following electuary is not only excellent in this disorder, but I have seen amazing effects from it in the cure of a fistula.

Take of Flowers of sulphur,
Elecampane, of each an ounce,
Sweet fennel seeds, half an ounce,
Black pepper, two drachms,
Balsam of copaiva or honey, enough to make an electuary.

Dose, the size of a walnut, twice or thrice a-day.

HEART-BURN.

THE Heart-burn is a painful sensation of heat and sourness about the left orifice of the stomach, which is called cardia, from whence its name, viz. Cardialgia.

The *cause*. An acid acrimony, arising from a too rapid fermentation in the stomach; the corrosive steams of this acid affect the plexus of the nerves on the upper orifice of the stomach.

The *diagnostics*. Sour belchings, a hot burning pain at and above the pit of the stomach, an involuntary flux of tears, nausea; vomiting soon after meals, of a greasy inflammable phlegm; spasms in the stomach and bowels; the rising of water in the mouth, particularly in the morning; sickness soon after rising from bed; rumbling in the bowels, wind.

The *prognostics*. It is never dangerous, but extremely troublesome, especially after riding or smoking; those who are subject to it are free from inflammatory fevers; it is sometimes a tedious time ere it can be eradicated, though always curable: if it is suffered to continue long, it may occasion a head-ache, vertigo, epilepsy, and convulsions of all sorts.

The *cure*. The spasmodic or rheumatic pain in the stomach requires the use of aromatic heating medicines, as a scruple of camphire in half an ounce of æther; this noblest of all antispasmodics should be taken in a spoon, without mixing any thing with it, or swallowing any thing immediately after it; the tincture of guaiacum, half an ounce in six ounces of water; opiates, aloetic purges, chalybeates, and the dry vomit. See FLATUS.

The gout in the stomach is soon removed by the above-mentioned solution of camphire in æther, the guaiacine tincture; drinking moderately of spirits of Madeira wine, or the liberal use of opiates.

Periodical pains are to be removed by the bark, or, if they do not yield to *that*, by the dry vomit.

Whatever ferments speedily in the stomach should be avoided, as vegetables, fruit, sugar, wines, malt, and all liquors that have not passed the state of fermentation: Madeira is said to be the only wine that will not ferment in the stomach. The dinner should be

made of animal food, and nothing but water drank with it: the breakfast and supper should be milk. A draught of milk and water will generally relieve the pain whenever it is violent.

The *cure* may be perfected by the occasional use of chalk or magnesia troches, oyster-shells, bole, terra lemnia, red coral, crabs' eyes or claws, egg-shells, burned hartshorn, liquorice, chalk, or lime-stones, the oils of nutmeg, cloves, or cinnamon.

Take of Gum arabic, two ounces,
Prepared kali, six drachms,
Pure water, a pint and half.

When the gum is dissolved and the salt, add four ounces of spirit of cinnamon; of this mixture, three or four spoonfuls may be taken twice or three times a-day.

Of the aloetic wine, two tea-spoonfuls may be taken morning and night. Or, thirty drops of water of kali in a glass of water.

Take of Socotrine aloes,
Filings of iron, of each a drachm,
Simple syrup, enough for pills,

Number twenty-four; two to be taken morning and night.

In very obstinate cases, an emetic should be pre-mised, then a purgative of two ounces of the aloetic wine; after which, either of the above formulæ will complete the cure.

COLIC.

THE Colic is a severe pain in the belly, affecting the epigastre or hypochondres: the part affected is the gut colon, sometimes the ilium.

The *causes*. Distention from flatulencies, acid gas, irritation of the villous coat of *that* intestine, crudities,

costiveness, ruptures, solution of continuity, scybals, acrimony of the bile.

The *diagnostics*. A violent pain in the abdomen, at one time affecting the whole of it, at another time determined to one point; sometimes shifting from place to place, sometimes fixed, while the belly swells as if it would burst: the patient is costive, makes but little urine; a fever and strong pulsation in the abdomen are its usual concomitants, with vomiting, rugitus, or rolling noise in the intestines, but always a vehement and tensive pain.

In the bilious colic, yellow or greenish matter is ejected, the eructations are nidorous, the thirst is more intense, and the fever higher than in the flatulent colic.

The Colica Pictonum, or Painter's colic, infests the hands and feet. For this, the balsam of Peru has been found an excellent remedy; the dose, thirty or forty drops, to be repeated as there is occasion.

The Hysteric Colic is not dangerous. See HYSTERICIS.

The *prognostics*. If the pain is mild, or if it intermits, and the constipation of the body is not very refractory, it is easily cured. If the pain is fixed, and there be no passage downward; if it is attended with intolerable restlessness, vomiting, fainting, hiccoughs, cold sweats, and delirium, there is no small danger. It not unfrequently terminates in a palsy, jaundice, epilepsy, or dropsy. If owing to an inflammation of the bowels, and the pain suddenly vanishes, it will prove fatal, for the parts are then mortified.

The *cure*. The concomitant fever is of less consequence than it is often imagined to be, being only symptomatic, and, when the cause is removed, will cease of course. In general, bloodletting is unnecessary, and occasions much worse disorders, for those just mentioned (when colics terminate thus unfavourably) are not a little obliged to the lancet for their existence. Clysters are peculiarly serviceable, because

they are soonest conveyed to the affected part, and hasten the discharge by stool. The use of opiates (as in all painful disorders) is indicated. Semicupia are highly beneficial,

In the Bilious Colic, tartarized antimony, clysters, aloetic and rhubarb purges, and anodynes, are to be used. See JAUNDICE and FLATUS.

In the Hysteric Colic, cordials, diaphoretics, anti-hysterics, clysters, and chalybeates, are indicated.

In the Stone Colic, carminatives are of little service: regard must be paid to its original cause. See STONE.

In the Flatulent or Windy Colic, begin with a purgative clyster; if attended with a high fever, and the patient is really plethoric, draw off six or seven ounces of blood. Then,

Take of Common water, six ounces,
Oil of olives, two ounces,
Vitriolated natron, an ounce and a half,
Tincture of opium, a drachm,

For a clyster. Or,

Take of Balsam of copaiva (dissolved in the yolk of an egg), half an ounce,
Mountain wine, six ounces,
Linseed oil, two ounces,
Purified opium, two grains,

A clyster. Or,

Take of Colocynth, a scruple,
Purified opium, ten grains,
Vitriolated quicksilver,
Precipitated sulphur of antimony, of each five grains,
Simple syrup, enough for pills,

Eight; two every hour till the pain ceases.

Take of Wine of aloes, two ounces and a half,
Syrup of buckthorn, half an ounce,

A draught to be taken immediately. Or,

Take of Tincture of senna, two ounces and a half,
Syrup of roses, half an ounce,
Purified salt of amber, ten grains,

A draught.

If the pain continues after the draught begins to work, use the above pills, one occasionally.

I have known electricity often remove the colic ; to say the truth, I never knew it tried without giving immediate relief : it has sometimes returned, but a repetition of the same has had the same effect as before. Ten or fifteen grains of alum, often repeated, are said to cure an habitual colic.

ILIAC PASSION.

THE Iliac Passion is an inversion of the peristaltic motion of the intestines ; consequently in this case nothing can pass downwards. It is called *Volvulus*, and *Miserere mei*.

The causes. The receiving of an upper part of an intestine into a lower, or the contrary ; hardness of the excrements in the rectum into scybals, irritation of vomiting, a rupture, acrid bile.

The diagnostics. A most acute pain in the small, sometimes in the large, guts ; generally about the umbilical region, or above it, a tumour ; difficulty in making urine ; the anus so fast closed by a spasm, as to become totally impervious ; it comes only slowly, while the tumour in the belly grows bigger and harder ; vehement straining, ejection of excrements by the mouth, difficult respiration, cold sweats, hiccoughs, coldness of the extremities, fainting fits, subsultus tendinum, idiotcy.

The prognostics. This terrible disorder is incident to persons of all ages ; to old persons it is fatal : hiccoughs and convulsions are the forerunners of death ; so is a sudden disappearance of the pain, being the sign of a mortification.

The *cure*. I have relieved some, after the *scæces* came up at the mouth, by washing the feet in cold water. Let the patient be taken out of bed, and, being supported by two persons, throw water as cold as it can be procured on the feet, then dash it on the legs, and in a few seconds more, after wiping them dry, replace him on the bed; and in a quarter of an hour, if a stool is not produced, repeat the same manœuvre: if the second operation fails, success is not to be expected.

If it proceeds from a rupture, reduce the intestine if possible; if plethoric, which is seldom the case, a little blood may be taken away. Inject, if it can be done, a clyster of tobacco smoke, it is an Herculean remedy; then give a clyster of seven ounces of oil, with a drachm of colocynth boiled in it. Some give five ounces, or even half a pound, of live quicksilver for a dose; if voided by stool, the patient will recover; if retained, as it often is, it hastens his death: I have found it in the sigmoid flexure of the colon. For several nights after recovery a paregoric draught will be necessary. The following simple draught has been exceedingly serviceable:

Take of Tincture of aloes, an ounce,
Syrup of white poppies,
Oil of olives,
Vinegar, of each half an ounce,
Spermaceti, two drachms;

A draught, to be taken every three hours.

Take of Vitriolated natron, two ounces,
Pure water, six ounces,
Tincture of asafœtida,
Tincture of opium, of each two drachms;

A clyster.

Take of Colocynth, two scruples,
Purified opium, one scruple,
Vitriolated quicksilver,
Precipitated sulphur of antimony, of each ten grains,
Simple syrup, enough for pills,

Twelve; two to be taken occasionally.

APPETITE, BAD.

WHEN the appetite is depraved, or the stomach deprived of its usual desire for food, or when a nausea is felt at the sight or smell of victuals, a person is laid to labour under an anorexia.

Apepsia is when the digestive organs are incapable of elaborating the aliment into chyle, or a lost digestion.

Bradypepsia is when digestion is performed slowly and with great difficulty, or a diminished digestion.

Dyspepsia is when the food cannot so properly be said to be digested, as converted into a morbid colluvies not fit for nutriment, and may therefore be called a Depraved Digestion.

They all proceed from the same cause, and require the same method of cure.

The causes. A laxity of the muscular fibres of the stomach, a glutinous phlegm; a deficiency of the secretions, particularly that of the saliva, or of the gastric fluid; grief, fear, the mind being intensely fixed on one object, hard drinking, former voracity, profuse excretions, want of sleep or exercise, deficiency of heat in the stomach, severe studies.

The diagnostics. Frequent retchings, paleness, borborygmi, lightness of the pit of the stomach, nidorous eructations; after long continuance without food, no inclination to eat; at the sight of victuals, nausea; after eating, vomiting and swelling at the pit of the stomach, sensation of coldness in that organ.

The prognostics. It often terminates in a slow consumption, dropsy, jaundice, or cachexy, and the patient dies tabid. It is always of bad consequence if of long continuance, for the patient gradually grows worse while the disorder increases in obstinacy. There are but few cases which are irremediable.

The cure. The patient should humour his stomach by eating whatever he feels the least inclination for, and of that a little at a time, and often.

For diet, see PHTHISIS, HYPOCHONDRIA, IMPOTENCY, and WEAKNESS OF THE SOLIDS.

The chalybeate waters are useful, or if from frequent acts of intemperance and drunkenness, the Bath waters; acids, bitters, change of air, exercise, sleeping soon after meals, gentle cathartics, astringents, aromatics, but above all the dry vomit.

Take of Ipecacuanha, five grains,
Blue vitriol, one grain;

Let this powder be taken in the morning fasting, three times a-week, without drinking any thing during the operation.

Take of Aloetic pills, a drachm,
Precipitated sulphur of antimony,
Filings of iron,
Myrrh, of each half a drachm,
Simple syrup, enough for pills,

Number thirty-two; to be taken twice a-day. If not costive,

Take of Conserve of wormwood, an ounce and half,
Galangal,
Zedoary, of each half an ounce,
Syrup of orange peel, enough for an electuary.

Dose, the size of a nutmeg twice a-day.

Take of Aloetic pills, two scruples,
Snake-root, a drachm,
Long pepper, half a drachm,
Oil of cinnamon, twenty drops,
Simple syrup, enough for pills,

Number thirty-two; two to be taken morning and night.

A tea-spoonful of the compound tincture of gentian may be taken thrice-day, or tincture of orange-peel, or of the diluted vitriolic acid. See FLATUS.

BULIMUS.

BULIMUS, or canine appetite, is so called from the constant propensity that is felt to eat, and the voracity with which the food is devoured.

The *causes*. A digestion too quick, a too liberal use of acids, immoderate evacuations, worms, acrimony of the gastric fluid.

The *diagnostics* are sufficiently obvious.

The *prognostics*. It is often succeeded by a Bulimia; that is, when the same inclination to eat remains without the power, and after the patient does eat, he faints. If not cured, it terminates in a lientery, a cacochymy, or an atrophy.

The *cure*. Let fat meat and fat broths be the principal diet; sweet wines or new beer, the chief liquids that are drank. Give emetics, particularly the dry vomit, and aloetic cathartics. If it proceeds from worms,

Take of Quicksilver with sulphur,
Tin, of each two drachms,

For six powders; let one be taken morning and night.

Take of Socotrine aloes,
Filings of iron,
Asafoetida, of each two scruples,
Oil of wormwood, enough for pills,

Number twenty-four; two to be taken twice a-day.

Take of Socotrine aloes,
Filings of iron, of each a drachm,
Calomel, of each a scruple,
Colocynth, of each a scruple,
Simple syrup, enough for pills,

Thirty-two; two to be taken night and morning.

Take of Mutton suet, four ounces,
New milk, eight ounces,

For a draught, to be drank warm.

Opium may be given occasionally, not in less doses than three grains. See WORMS.

VOMITING.

THE *cause* of vomiting is a convulsive or inverted motion of the stomach, owing to some irritation of the nerves of its left orifice, which may be occasioned by consent of parts, as sailing on the sea, riding in a coach, tickling in the throat, &c. to a laxity also of its muscular fibres, acid acrimony, or redundancy of bile.

The *diagnostic* is obvious. If idiopathic, no part is affected but the stomach; if symptomatic, reference must be had to the primary disorder.

The *prognostics*. It is often a critical expulsion of an acid morbid matter, and should then be promoted by an emetic and broth. If of more than two days continuance (at times), or if the patient is always sick after eating, it ought to be prevented, or it will terminate in an anorexia, marasmus, or paralytic affection of the stomach.

The *cure*. Give a gentle emetic, or five or seven grains of ipecacuanha, every morning fasting, for a few days, letting it work itself off without drinking. Its prevention is to be secured by anti-emetics, nervines, cardiacs, and opiates. Repeated applications of camphorated spirit to the pit of the stomach, fomentations and stomachic plasters may be used: it would not be amiss to apply them under the left shoulder rather than to the pit of the stomach. Preparations of mint are of great utility, either the essential oil, or an infusion of the leaves in the distilled water of the same. If it proceed from an acid acrimony, give plentiful draughts of broth, and a drachm of the magnesia alba occasionally.

A scruple of columba root as often as is necessary.

See COLIC, CHOLERA MORBUS, FLATUS; and APPETITE, BAD.

Take of Prepared kali, two scruples,
Conserve of wormwood, half a drachm,

Let this be washed down immediately with two ounces of lemon-juice, or vinegar, or a draught composed of an ounce of lemon-juice, and one ounce of peppermint water.

Take of Bay berries, half a drachm,
Grains of paradise,
Galangal, of each ten grains,
Oil of cinnamon,
Oil of mint, of each three drops,
Purified opium, two grains,
Syrup of orange-peel, enough for a bolus,

To be taken at bedtime.

A tea-spoonful of compound tincture of lavender may be taken occasionally, or of colomba, or of eascarilla.

SYNCOPE.

SYNCOPE, or fainting, proceeds from an obstruction of the efflux of the nervous influence along the par vagum.

The *causes*. Weakness, intense pain, hunger, thirst, anorexia, profuse evacuation, excess of external heat, passions of the mind, hysteric affections, uterine furor.

The *diagnostics*. Paleness, cold sweats, low fluttering pulse, trembling, cessation of motion and sense.

The *prognostics*. It is always dangerous, excepting in hysterical paroxysms, and then it is of little consequence. From excessive evacuations, or after convulsions or immediately after the ravages of a fever, it is often fatal.

The *cure* is to be effected by nervines, cardiacs, sternutatories, volatiles, opiates, the aromatic confection, ginger, a generous diet, and the cold bath.]

See EPILEPSY, FLATUS, and WEAKNESS OF THE SOLIDS.

Take of The chalk mixture, seven ounces,
 Spirit of cinnamon, two ounces,
 Compound tincture of lavender,
 Syrup of tolu, of each half an ounce,

A julep, of which give three or four spoonfuls as there is occasion. It is a most excellent cordial.

Take of Volatile tincture of valerian, an ounce and half,
 Compound tincture of lavender, half an ounce,

Two tea-spoonfuls of these drops to be taken in a glass of water two or three times a-day.

POISONS.

IF Poisons have been taken internally, give immediately three grains of blue vitriol, and five grains of the yellow emetic quicksilver, with frequent and large doses of sweet oil afterwards, and two scruples of kali every three hours.

For the bite of a mad dog.—Apply a plaster of pickled herrings to the part affected; or a caustic with the following dressing, half an ounce of gum elemi, and two drachms of the red nitrated quicksilver. Use musk, alkalis, mercurials, and immersion in salt water.

Take of Camphire, a drachm and half,
 Precipitated sulphur of antimony,
 Vitriolated quicksilver, of each half a drachm,
 Simple syrup, enough for pills,

Number thirty-two; one to be taken morning and night.

N. B. I fear all the above, and the famous Ormskirk medicine too, are frequently useless, if the dog be *really* mad.

For the bite of a viper.—Bathe the part affected with warm oil often.

Sting of an insect.—Apply a piece of alum wetted

to the part frequently, or balsam of Peru and Hungary water, of each equal parts; or of oil of olives, and oil of turpentine equal parts; or camphorated spirit, tincture of myrrh, of each equal parts; or of water of ammonia and oil of amber, of each equal parts, or an aqueous solution of opium.

PALPITATION OF THE HEART.

A PALPITATION of the Heart is a preternatural systole of that viscus.

The *causes*. It is often owing to a plethora, to polypous concretions, sometimes to a deficiency of nervous influence, or influx disproportionate to the elasticity of the muscular fibre, indolence, drunkenness, acid gas, spasms, acrimony of the fluids.

The *diagnostics*. A fluttering pulse, temporary stoppage of the breath, a preternatural pulsation on the left side, to be felt by the hand, and sometimes to be heard.

The *prognostics*. If it is owing to fleshy excrescences or grumous clots, it is incurable: if from a plethora, it is to be removed by bleeding only; if from an acid halitus, easily curable by alkalis and cardiacs. If of long continuance, it often terminates in apoplexy.

The *cure*. It must be treated according to the cause it proceeds from. If the patient is not plethoric, avoid all evacuations, and use one of the following remedies:

A scruple of camphire, dissolved in half an ounce of æther,

For a draught.

Take of Compound tincture of lavender,

Tincture of castor, of each half an ounce :

Of these drops, let two tea-spoonfuls be taken twice or thrice a-day.

Take of Gum arabic, two ounces, dissolve in
Pure water, a pint,
Tincture of cantharides,
Oil of turpentine, of each half an ounce.

Two or three spoonfuls of this mixture to be taken
night and morning.

SPASMS, OPISTOTONUS, CONVULSIONS.

SPASMS owe their origin to an irregular or unequal influx of the vital heat into the affected muscles, or great deficiency thereof. They require the use of blisters, emetics, and antispasmodics, such as gum ammoniac, asafoetida, valerian, musk, blue vitriol; or, which is second to none of them, a scruple of camphire in half an ounce of æther.

Painful spasms demand the liberal use of opiates.

In the opisthotonus and the locked jaw, purified opium may be given, even to the quantity of seven or eight grains for a dose, washing it down with seven or eight ounces of the musk julep, or two grains frequently repeated, i. e. every hour, till the end is answered.

Convulsions of all sorts in children yield to the following:

Take of Prepared kali, a drachm,
Ticture of asafoetida, half an ounce,
Peppermint water, an ounce and half,

Let a tea-spoonful be given three or four times a-day.

DIABETES.

A DIABETES is a preternatural discharge of urine.

The *causes*. An obstruction of insensible perspiration, dilatation of the renal glands, too great attenuation of serum, laxity of the fibres, hard drinking.

The *diagnostics*. If of long standing, or coming immediately after the departure of a fever, it is dangerous: proceeding from weakness of the solids, it is difficult of cure; in old persons, seldom removable.

The *cure*. For diet, see PHTHISIS and HYPOCHONDRIA. Astringents, chalybeates, balsamics, mineral acids, agglutinants, and corroborants, are proper in this case, as also is the cold bath. A blister applied to the os sacrum has an admirable effect. For common drink, the decoction of hartshorn may be given, with an ounce of infusion of roses in every pint; or lime-water, or the *Bristol* waters, or alum whey, which will sometimes effect a cure alone: it may be prepared by putting two drachms of roch-alum powdered in a pint of boiling milk; half a pint to be drank twice a-day. If costive, let aloetics be given. The dry vomit is of considerable utility. The following have been all found serviceable. See DIARRHŒA.

Take of Mastic, a drachm and half,
Balustines,
Olibanum, of each half a drachm,
Simple syrup, enough for pills,

Number thirty-two; three to be taken twice or thrice a-day.

Take of Compound tincture of lavender, an ounce,
Vitriolic acid, half a drachm,

Of these drops, let a tea-spoonful be taken thrice a-day.
Or, of

Tincture of cantharides,

A tea-spoonful morning and evening.

Take of Gum arabic, an ounce,
Red bark, six drachms,
Red astringent gum, half an ounce,
Tincture of cantharides, enough for an electuary.

Dose, the size of a nutmeg twice a day.

WORMS.

WORMS are of three sorts; *teretes*, or the round worm, whose seat is in the stomach; *tænia*, or the tape worm, which is to be found in most of the intestines; *ascarides*, or the small worm, seldom to be met with but in the rectum.

The *cause*. Eggs of insects received with the food.

The *diagnostics*. Inflation of the abdomen; violent pain and spasms in the stomach and bowels; itching of the nose and anus; stinking breath, voracity, the excrements greasy, or greenish, or slimy; coma, nausea, moistness of the mouth and slaving in the night, grinding of the teeth, faintness, cold sweats, delirium, convulsions; shocks, similar to electrical ones; flushing heats, flying pains, anxiety, alternate swelling and subsidence of the veins, the pulse weak and intermitting, thirst, paleness, vagrant stitches, epileptic paroxysms, paralytic strokes, which go off spontaneously on the removal of the cause.

The *prognostics*. If they remain long in the bowels, they produce a variety of unaccountable disorders: strange and incredible are the effects which are occasioned by these detestable vermin; few persons are wholly free from them, particularly females. If, after they are destroyed, they are not conveyed out of the body, a putrid acrimony may be the consequence: small doses of cathartics should be continued for some time after they are killed, not only for the above reason, but to cleanse the bowels from the adhering eggs abovementioned.

The *cure* is to be effected by aloetics, chalybeates, oils, oleous clysters, prepared kali, or oil of wormwood, which may be applied to the navel, or plaster of aloes and galbanum may be smeared over with it, and applied to the umbilical region for children. New milk in a decoction of quicksilver, two ounces to a pint for four doses: flour of sulphur mixed up with honey, the size of a nutmeg to be taken night and morning. Red sulphurated quicksilver is an excellent vermifuge,

as also the filings of pewter, which may be given to adults to the quantity of a drachm, fasting, or the same quantity of grained tin. The following pills are equal to any thing in efficacy.

Take of Socotrine aloes,
Filings of iron, of each a drachm,
Calomel, a scruple,
Simple syrup, enough for pills,

Number twenty-four; dose, two morning and night.
Or,

Take of Quicksilver with sulphur, an ounce and half,
Seeds of santonicum, half an ounce,
Honey, enough for an electuary.

The size of a walnut to be taken night and morning.
Or, if of a laxative habit,

Take of Red bark, an ounce,
Coralline, half an ounce,
Mucilage of gum arabic, enough for an electuary.

Dose, the bigness of a chesnut morning and night.
See WORM FEVER.

SCURVY, AND SCORBUTIC ERUPTIONS.

THE Scurvy is a diseased state of all the fluids.

The *causes*. An acidity, an acrimony, or (at sea) putrefactive quality in the blood, and often introduced by a moist air, obstructed perspiration, putrid water, poorness of blood, that part of salted provisions which has not taken salt (for salt itself, so far from producing the scurvy, is an excellent antiscorbutic), eating too plentifully of fruit. Surfeits, as they are called, and scorbutic eruptions, originate from the too liberal use of vegetables. Few persons are entirely void of all scorbutic complaints. The sea scurvy is a disorder that requires treatment very different from this we are treating of, though the effects are somewhat similar; for vegetables and acid are the

most expeditious remedy for seamen, especially on shore; but they ought to be totally abstained from by those who never use the sea, and are troubled with cuticular eruptions. Scorbatic eruptions are so common, that the author has met with some thousands of these cases in a year, and never one that he did not succeed in the cure of; but, lest his invariable order to abstain from all vegetables and acids should startle the reader, he begs leave to observe, that, so far from being singular in this point, he has heard the same advice given by the greatest and best Physician of this or any age or country; it were needless to add that he means Dr. Fothergill.

The diagnostics. An acute pain in the head, a sensation of dulness, wandering pains in the limbs, blackness of the skin, sponginess and putrefaction of the gums, oozing of blood from them; rottenness of the teeth, stinking breath, an unequal pulse, diarrhoea and dysentery; frequent shiverings, a palpitation not seldom fatal; swellings in the joints, vitiated appetite, horborygmi, anguish in the bowels, sometimes costiveness; the urine pale, red, or gravelly; nausea, hiccoughs, livid spots on the skin, sometimes converted to foul ill-conditioned ulcers, crusts, scabs, scabies, cuticular eruptions which itch intolerably, appearing in general, first on the thighs, then on the arms and hands, sometimes scattered on the breast or over the whole body; red, angry pimples, carbuncles, vesicles full of a hot acrid lymph, leprosy of the legs, contractions, stiffness of the joints, vertigo, convulsions, lowness of spirits, frequent sighing, dyspnoea. See LEPROSY.

The prognostics. This is a distemper which is exceedingly crabbed and refractory, has been always reckoned very difficult to cure, and dangerous. If not scientifically treated, it frequently ends in a dropsy, atrophy, hypochondria, or apoplexy. As the old method of treating it has been hitherto somewhat unfortunate, the author can with some justice, as well as confidence, recommend a new one, which has never yet balked his expectations.

The cure. When eruptions appear, they are most forcible pleaders against bleeding; the lancet is in these cases always pernicious. A milk diet is proper, at least for morning and evening; for dinner, animal food, with plenty of salt but no vegetables. For regimen, see HYPOCHONDRIA and WEAKNESS of the SOLIDS. Give gentle purges, errhines, the chalybeate waters, aluminous waters, salt water, bitters, balsam of copaiva; but, above all, the dry vomit. I shall now communicate to the reader all the various medicines I have used, the efficacy of which has been proved by a most extensive and successful experience.

Take of Aloetic pills,
Precipitated sulphur of antimony,
Gum guaiacum, of each two scruples,
Simple syrup, enough for pills,

Number twenty-four; two to be taken morning and night.

Take of Muriated quicksilver, ten grains, dissolve in
Muriatic acid, ten drops, then add
Antimonial wine, an ounce,

Of these drops, let twenty (or if they purge, fifteen) be taken twice a-day.

Take of Quicksilver with sulphur, an ounce and half,
Gum guaiacum, half an ounce,
Crude antimony,
Snake root, of each two drachms,
Syrup of orange peel, enough for an electuary,

Dose, the size of a nutmeg night and morning.

If not costive,

Take of Red bark, an ounce and half,
Winter's bark, half an ounce,
Mucilage of gum arabic, enough for an electuary.

The size of a nutmeg to be taken twice a-day.

To cleanse the skin entirely from any remaining eruptions, and to remove ulcers or swellings of the groins,

Take of Sharp pointed dock roots, two ounces and half,
 Extract of liquorice, two drachms,
 Winter's bark, half an ounce,
 Boiling water, a quart. Let them stand for
 twelve hours, then strain.

Of this mixture, let a tea-cupful be taken in the morning (fasting) and at night.

If any thing be thought necessary to rub the teeth with,

Take of French bole,
 Burned alum,
 Myrrh, of each a scruple,

To be used every morning. Or,

Take of Florentine orris-root,
 Burned alum,
 Lac, of each a drachm,
 Honey, acidulated with spirit of vitriol, enough
 for a mixture.

As Scorbatic Eruptions are generally attended with a most troublesome itching, especially in bed, let the parts affected be anointed night and morning with the tar ointment; or if *that*, though powerfully efficacious, is objected to on account of the smell,

Take of Ointment of white calx of quicksilver, an ounce,
 Water of kali,
 Essence of lemons, of each twenty drops,

To be used night and morning. Or,

Take of White calx of quicksilver, two scruples,
 Cerate of acetated litharge, an ounce,
 Oil of rosewood, ten drops,

An ointment to be used night and morning. Or,

Take of Ointment of white hellebore, an ounce,
 Water of kali, thirty drops;

An ointment as before. Or, the Neapolitan ointment.

Take of The diluted vitriolic acid,
Water, of each four ounces:

A lotion to be used night and morning. Or,

Take of Muriated quicksilver, ten grains,
Muriatic acid, ten drops,
Rose water, two ounces,

As before.

A liniment to wash the eruptions night and morning, with a rag dipped in it.

One of the above ointments, particularly the tar ointment. Or,

Take of Calomel, two scruples,
Tar ointment, an ounce,

To be rubbed in night and morning, and then wiped off with a dry cloth; should always be used when there are eruptions on the skin, and one of the above-mentioned prescriptions to be taken inwardly at the same time, particularly the mixture or drops, which will effectually free the person in a few days from this disagreeable disorder. It will wonderfully hasten the cure if the following powder be used by way of snuff; a pinch of it to be taken every night after getting into bed:

Take of White hellebore root, a scruple,

For a sternutatory powder.

ITCH.

THE Itch is a disorder of the skin too well known to need description.

The cause. An infectious miasma sui generis. The hypothesis of its being wholly owing to animalcules is highly doubtful.

The *diagnostics*. These are to be discriminated from scorbutical eruptions by their minuteness; from venereal ones by not blotching; and from both by their principally infesting the parts between the fingers; with a sensation of heat that invariably accompanies the itching.

The *prognostics*. It is attended with no danger, and is never difficult to cure in any habit.

The *cure*. See SCORBUTIC ERUPTIONS, under which article the reader may find several elegant and efficacious prescriptions, either of which will answer his expectations in the cure of the itch (particularly the solution of quicksilver, the tar ointment, or the ointment of white precipitate), and of all cuticular eruptions, whatever cause they arise from: they will also cure red faces, freckles, morpew, grubs, tetters, ringworms, or any deformities of the skin. The tar ointment, with calomel, should be used for a day or two morning and night, and then one of the other twice a-day also till the skin is perfectly clean; taking, during the use of the latter, the mixture recommended under the article SCURVY.

Bleeding and purging are useless and improper, in this as well as in all other cutaneous disorders. If internals are requested, though they are seldom necessary, either of the following ones may be given with propriety and advantage:

Take of Vitriolic acid, half an ounce,

Three or four drops to be taken in a glass of water night and morning.

Take of Quicksilver, with sulphur, an ounce and half,
Calcined antimony, two drachms,
Syrup of orange-peel, enough for an electuary.

The size of a nutmeg to be taken morning and night.
Or,

Take of Flour of sulphur, an ounce and half,
Nitre, two drachms,
Honey, enough for an electuary:

Dose, the bigness of a chesnut, night and morning.

For children,

Take of Vitriolic acid, five drops,
Rose water, fifteen drops,
Ointment of hog's lard, an ounce,
Essence of lemon, fifteen drops,

A liniment to be used night and morning.

For adults,

Half an ounce of vitriolic acid, in a pint of water.

A lotion to be used twice or thrice a-day.

Take of Muriated quicksilver, ten grains,
Muriatic acid, ten drops,
Camphorated spirit, two ounces,

A lotion to wet the parts with night and morning. Or,

The decoction of hellebore.

Or,

Take of White calx of quicksilver, a drachm,
Ointment of hog's lard, an ounce and a half,
Water of kali, a drachm,
Essence of lemon, fifteen drops,

A liniment to be used night and morning. See SCOR-
BUTIC ERUPTIONS.

LEPROSY AND ELEPHANTIASIS.

THE Leprosy is a cutaneous disorder, which appears in whitish dry scabs, and often spreads over the whole body. Sometimes one leg only is affected, which swells to an enormous bulk, then called the Græcian Leprosy and Elephantiasis.

The *causes*. Obstructed perspiration, weakness of the solids, poverty of blood, an ill-cured itch, the remains of which will often lurk, appearing and disappearing, though not totally, for many years, and at length will break forth in this dry scurf, gradually enlarging.

The *diagnostics*. Sometimes it is confined to the palms of the hands only, with fissures which run parallel to each other; sometimes to a little below the elbows; one while on the face only; another in white hard scales on the neck, generally appearing most on the thighs, or on the hands and arms; intolerable itching.

The *prognostics*. The Leprosy confined to the skin, without any remarkable tumour, is easily curable; the Elephantiasis not without much difficulty and time.

The *cure*. For the Leprosy, give the most nourishing diet, as eels, &c. and use precisely the same method as that recommended under SCURVY and SCORBUTIC ERUPTIONS, which see.

For the Elephantiasis, give the solution of muriated quicksilver in antimonial wine, under SCURVY. Let the whole leg be wrapped up in a cloth, on which the following liniment is to be spread, to be renewed night and morning:

Take of Tar ointment, an ounce,
Water of acetated litharge, half a drachm,
Camphire, a scruple,
Calomel, two scruples,

A liniment, or soft ointment.

EVIL.

THE Struma, Scrophula, or King's Evil, is so called from an imaginary cure performed by the royal touch.

The *cause*. An acrid blood, hereditary disposition, the venereal virus conveyed in the semen. Those who

are of habits exaltedly scorbutic, or in whom the itch has not been perfectly cured (strange as it may seem), may beget a scrophulous offspring. Weakness of the solids.

The *diagnostics*. Glandular tumours, serpiginous ulcers, erosions of particular parts, contractions, distortions, sinuous abscesses.

The *prognostics*. This disorder is not easily extirpated. If the tumours in the neck are not dissipated or opened, a glandular consumption generally ensues. Fistulous abscesses in scrophulous patients are rarely, if ever, curable, unless by the following :

Take of Muriated quicksilver, two grains,
Muriatic acid, two drops,
Rose water, five ounces,

Lint dipped in this to be applied night and morning.

The *cure*. For regimen, see PHTHISIS. The bark is the most noble remedy in scrophulous cases, when the patient is not of a costive habit. Burnt sponge is often used to advantage, and madder ; sea-water also : but the dry vomit is inferior to no other remedy.

The following I have given with manifest utility :

Take of Muriated quicksilver, ten grains,
Muriatic acid, ten drops,
Antimonial wine, an ounce :

Of these drops, let an adult take twenty in a glass of water, morning and night.

Take of Quicksilver with sulphur, two ounces,
Crude antimony, two drachms,
Honey, enough for an electuary :

Dose, the size of a nutmeg night and morning.

Externally apply the tar ointment with calomel twice a-day. Or,

Take of Muriated quicksilver, ten grains,
Pure water, an ounce and half,
Tincture of cantharides, half an ounce,

For a lotion, till the tumours lessen : if not, apply a poultice of bread and milk till they break, and then dress with,

Take of Calomel, two scruples,
Tar ointment, an ounce,

To be applied morning and night. Or the above solution in rose-water.

FALLING DOWN OF THE ANUS.

THE falling down of the fundament is owing to a laxity of the fibres of its sphincter, or to a paralytic affection of them. It is easiest to be reduced by the patient himself, lying on his back, writhing himself from side to side, crossing his legs, &c. with the application of sweet oil. When it is reduced, let a warm flannel be applied and frequently repeated ; some of the following powder may be thrown on a red-hot heater in a close-stool, and the anus be placed over it. If it cannot be reduced, apply dephlogisticated air.

Take of Aromatic powder,
Mastic, of each a drachm and a half,
White amber,
Balustines, of each a drachm,

A fumigation.

The following drops have proved of considerable utility :

Take of Rectified spirit, half an ounce,
Oil of turpentine, two drachms,
Vitriolic acid, one drachm,

Twenty to be taken twice or thrice a-day.

Take of Tormentil root,
Dragon's blood,
Mastic, of each a drachm,
Simple syrup, enough for pills,

Number twenty-two ; three to be taken night and morning.

The red astringent gum will be of considerable service. See DIARRHŒA and DYSENTERY.

STRANGURY.

A STRANGURY is a partial suppression of the urine, while the efforts to discharge it are attended with pain.

The *causes*. Irritation, too long detention of urine, obstruction of it, spasm, paralytic affection of the detrusores urinæ.

The *diagnostics*. Frequent desire to make water, its coming away with difficulty and uneasiness; but little made at a time with great pain; sensation of heat and smart when the dribbling is over; itching.

The *prognostics*. If symptomatic, as from blisters in fevers, &c. it is easily helped. If idiopathic, it is dangerous; in old persons, frequently mortal; it often terminates in an incurable stoppage of the urine.

The *cure*. Let the patient abstain as much as possible from liquids, and take food that is balsamic and light of digestion, and make use of agglutinants, as linseed tea, fomentations, mollifying clysters, gentle purgatives, oleous injections, mild diuretics, cardiacs, opiates, bathing in warm water up to the loins, washing the feet in cold water, or the catheter. If it proceeds from spasms, give half an ounce of æther with a scruple of camphire in it. If from a paralytic affection of the detrusores,

Take of Red bark, an ounce and half,
Compound powder of tragacanth, half an ounce,
Mucilage of gum arabic, enough for an electuary,

The size of a nutmeg to be taken every two hours.

In other cases, the following remedies have been attended with success:

Take of Oil of olives, five drachms,
Camphire, two drachms,
Oil of aniseed, one drachm.

With this liniment let the pubes and perinæum be anointed every hour.

Let two ounces of horseradish, scraped, be boiled in a pint of ale, thrown into a close-stool, and the vapour be received.

Take of Gum arabic, two scruples,
Nitre, one scruple,
Camphire, five grains,
Oil of aniseeds, four drops,
Aromatic confection, enough for a bolus,

To be repeated as there is occasion; or, the balsam of Peru mixture, under the article *STONE*.

If the pain is vehement, give two or three grains of purified opium.

URINE, SUPPRESSED.

A DYSURY is when the patient feels an inexpressible difficulty in making water.

An Ischury is a total suppression of urine.

The *causes*. An inflammation, abrasion of the mucus that lines the urethra, deficient secretion of it; ulcers, diarrhœa, gonorrhœa, blisters, acid food, hard riding, hard drinking, the stone.

The *diagnostics*. On an attempt to make water the pain begins; after it is evacuated, a violent smarting and sensation of heat, most severe at the extremity of the urethra.

The *prognostics*. Proceeding from another disease, reference must be had to the original cause. If constitutional, the case is difficult.

An Ischury in old persons, or when the water cannot be reduced by the catheter, is generally mortal; the last resource is immersion of the feet in cold water.

A few cases I have met with of persons not much advanced in years, where there has been no inclination to make water, nor has there been any in the bladder: frequent nauseas have been the only other symptom of want of health. On dissection, the kidneys have been found wasted.

The cure. The patient should use diluent liquors, whey, aluminous waters, agglutinants, blanchage, broths, jellies, balsam of copaiva, gum arabic, decoction of marsh-mallow roots, new milk warm, absorbents, and such as are proposed under STRANGURY, which see. See also the balsam of Peru mixture, under the article STONE.

URINE, INCONTINENCE OF.

IF the patient cannot hold his water, let a blistering plaster be applied to the os sacrum, of the same size and shape, to be kept on four or five days, or till it comes off of itself, and

Take of Red bark, six drachms,
Red astringent gum, two drachms,
Tincture of cantharides, enough for an electuary.

Dose, the size of a nutmeg night and morning. Or, for an adult,

A tea-spoonful of tincture of cantharides,

Night and morning, in milk.

LETHARGY.

A LETHARGY is an involuntary drowsiness, or continual propensity to sleep.

The *causes*. A deficiency of vital heat in the brain, foggy food, excess of phlegm, indolence, using sleep after dinner, omitting customary exercise, lentor, viscosity of the fluids, spasms.

The *diagnostics*. They are obvious from what has been already observed, to which may be added a memory much impaired.

The *prognostics*. In young persons, if they are invaded in the summer time, it is easily cured ; in winter, if the patient is attacked, and feels great prostration of strength, it is dangerous. In old persons, if the urine is white, it is scarcely curable.

The *cure*. Removal into a clear dry air is necessary. The diet should be as in HYPOCHONDRIA, which see. Bleeding often renders it incurable. A bladder may be filled with hot water, and laid on the head, which should be rubbed with warm flannel, or use some of the applications recommended under the article HEAD-ACHE. Touch the palate with a feather dipped in boiling water. The proper remedies are sternutatories, acrid clysters, stimulants, aromatics, volatiles, chalybeates, blisters, the dry vomit, and plasters to the head when shaven, as,

Take of Galbanum, two drachms,
Pellitory,
Long pepper,
Castor, of each a drachm,
Balsam of Peru, enough to make a plaster.

Take of Salt of hartshorn. Or,
Purified salt of amber, of each a scruple,
Lisbon wine, two ounces,

A draught to be taken every night.

Take of Volatile tincture of valerian,
Tincture of guaiacum, each an ounce.

Of these drops let two tea-spoonfuls be taken twice or thrice a-day.

Take of Socotrine aloes,
 Filings of iron,
 Asafoetida, of each two scruples,
 Precipitated sulphur of antimony,
 Vitriolated quicksilver, of each one scruple,
 Simple syrup, enough for pills,

Thirty-two; two or three to be taken night and morning.

IMPOTENCE.

IMBECILITY is an inaptitude for coition: impotency is a total incapacity of that action.

The *causes*. A deficiency of vital heat, or some impediment to its proper efflux from the spinal marrow; weakness of the solids, profuse venery, ill-cured claps, gleans of long continuance, gravelly disorders, anorexia, self-pollution, frequent bleedings.

The *diagnostics*. Flaccidity and hanging down of the testicles, coldness of the glans penis; few, weak, or no erections; pain or weakness in the loins, wandering stitches in the sides and groins, cephalalgia, vertiginous disorders, involuntary emissions without erections, hypochondria.

The *prognostics*. If idiopathic, the cure is difficult; in old men impracticable: if the patient is young, and has no other complaint of any consequence, or if it proceeds only from indiscreet excesses, it is easily curable: if accompanied with a gleet, let that first be muzzled before the cure be attempted.

The *cure*. Great regard must be paid to the non-naturals. The patient should keep his mind constantly employed, to prevent, as much as possible, the incursion of venereal desires or thoughts. He should rise early in the morning, take a great deal of exercise, stopping short only of fatigue. The less fluids that are drank the better; the whole quantity ought not to exceed two quarts in the twenty-four hours. Let the diet be of shell-fish of all sorts, particularly lobsters,

crabs, or oysters; of flat fish also, as skate, turbot, dorries, and plaice, especially the skin of the latter; or of any wild fowl, the most eligible of which are pigeons, partridges, and woodcocks; add to which eggs, lampries, eels of all sorts, which are by no means inferior to vipers caviare, strong meat soups, any animal (but no vegetable) food, particularly pork, calf's head, with the skin on; calves' and neats' feet or trotters. Milk is the best breakfast and supper, brandy and water the most proper drink at dinner. All agglutinants, chalybeates, and aromatics are useful; opiates also, which powerfully increase the secretion of semen. The testicles should be bathed night and morning with equal parts of alcohol and vinegar till they cabbage; nor is it a matter unworthy of attention, always to wipe the glans dry after making urine. See WEAKNESS OF THE SOLIDS.

Barrenness is owing to the same causes, and requires the same method of treatment. To give fruitfulness to the semen, by determining a sufficient quantity of nervous influence to it, nothing equals the oil of cloves, by means of which many have proved fathers, after all previous efforts had for many years been fruitless: *this*, therefore, ought not to be omitted in any medicines that are given, calculated for that purpose. It may not be amiss to observe in this place, that the balsam of Peru has an effect directly opposite to that of the said oil.

The following formulæ powerfully stimulate to conjugal intercourses, furnish ability equal to desire, and seldom fail to render those intercourses fruitful.

Take of Oil of cloves, half an ounce, dissolve in
The yolk of an egg, then add,
Tincture of cantharides, an ounce and half;

Of these drops let two tea-spoonfuls be taken night and morning.

Take of Socotrine aloes,
Filings of iron, of each two scruples,
Purified opium, ten grains,
Cantharides, six grains,
Oil of cloves, ten drops,
Simple syrup, enough for pills,

Sixteen ; two to be taken every night.

Take of Aromatic powder,
Cloves, of each a scruple,
Ambergris,
Musk, of each five grains,
Purified opium,
Cantharides, of each one grain,
Oil of cloves, five drops,
Syrup of orange peel, enough for a bolus.

To be taken every night for a month, keeping the body open, during which time the patient should have no connexion with his wife.

Take of Oil of cloves, six drachms,
Oil of nutmegs, one drachm :

Of these drops, ten may be taken on sugar night and morning.

Take of Oil of cloves, ten drops,
Mucilage of gum arabic, half a drachm,
Pure water, an ounce ;

A draught to be made according to art, and taken morning and evening. See GLEET.

GOUT.

THE Gout is a chronical disease, most commonly affecting the feet. If it attacks the knees, it is called Gonagra ; if the hands, Chiragra ; if the elbow, Onagra ; if the shoulder, Omagra ; if the back or loins, Lumbago.

The *causes*. Irregularity with respect to some of the non-naturals, immoderate venery, feeding frequently and immoderately on fat, great fatigue, a moist cold air, a contusion, tartareous wines, fermenting liquors ; acid gas, as appears from the sour sweats and acid eructations so common in gouty fits ; fruit, vegetables, the passions of the mind, indolence.

The *diagnostics*. A most intense pain, as though a wedge were fixed between the joints, or as if the part were in a press; sometimes it seems stretched to such a degree, that the unhappy patient is ready to think that it will burst every moment: when this is the case, it is seldom more than six hours before the pain abates, and welcome sleep succeeds. Sometimes the sensation is similar to that which would be brought on if the parts were gnawn by carnivorous animals. Those who have been long tormented with it, have often a chalky matter issue from the bursting of the small vessels, which is an induration of the nervous filaments, and is actually chalk; for the nerves seem to be originally constituted of a chalky earth, lengthened into fibres by animal glue.

The *prognostics*. If hereditary (which, with humble submission to Dr. Cullen, it certainly may be), it is most difficult to relieve. It is generally supposed to be incurable, as all disorders are said to be which we know not *how* to cure. The fits may undoubtedly be rendered milder, and perhaps be totally prevented, by pursuing the following method; it has succeeded in the removal of many inveterate gout, though they were of long standing, and had been every year increased.

The *cure*. Let the patient live wholly on animal food, or use a milk diet, and for change take meat broths; he may drink plentifully, too, of milk whey; but must abstain from all vegetables, claret, and malt liquors; spirits diluted with water will not hurt him. Exercise is absolutely necessary, and too much cannot be taken, nor can it be too often repeated, if it does not proceed to fatigue. The mind should be kept as calm and composed as possible; amusement and a little dissipation of thought are also necessary.

If the gout seizes the stomach, give immediately half an ounce of æther with a scruple of camphire in it; let it be taken alone in a spoon, without swallowing any liquid for some minutes after it: if the sensation it occasions is disagreeable, he may rinse his mouth with a little cold water and spit it out. It is an admirable remedy, and never deceived me.

To fix a wandering gout, and bring on a regular fit, give asafœtida inwardly, and bathe the great toe and middle of the foot with water of ammonia.

If the fit comes on in good earnest,

Take of Camphire, fifteen grains,
Purified opium,
Ipecacuanha, of each three grains,
Precipitated sulphur of antimony,
Vitriolated quicksilver, of each two grains,
Aromatic confection, enough for a bolus,

To be repeated as occasion requires.

Let this be washed down with the following draught:

Take of Tincture of guaiacum, six drachms,
Pure water, eight spoonfuls.

After taking this bolus and draught, the patient should lie between blankets. Let the draught be repeated every night for some time, with the addition of two drachms of elixir of aloes, if costive; and *that the gout is incurable* is a proposition that will no longer be taken for granted.

The bowels should be kept open with aloetics and quicksilver; all bitters and alkalis are useful; nor is it amiss to bathe the feet every night in warm water with a handful of salt in it. As to the application of leeches, or opening the saphœna when the fit is coming on, I never saw any good effect from it, nor can a gouty person be bled without great hazard and danger. As to burning cotton on the part affected, notwithstanding the authority with which it comes recommended, I could never persuade any person to try the experiment. If topics are desired, quicklime and honey for an epithem seem to be the most eligible one; or,

Take of Vitriolic acid, forty drops,
Hog's lard, an ounce,

A liniment to be applied often to the part affected.
Or a blister.

To prevent a return, let one of the following medicines be given and continued for some months: they are adapted to the various circumstances of different patients, and the choice must depend on the skill of the practitioner.

Two tea-spoonfuls of the tincture of guaiacum, or,
One of water of pure kali,

May be taken night and morning.

Take of Gum guaiacum,
Camphire, of each a drachm,
Precipitated sulphur of antimony,
Vitriolated quicksilver, of each a scruple,
Simple syrup, enough for pills,

Number thirty-two; two or three to be taken every night.

Take of Aloetic pills, a drachm and half,
Filings of iron, half a drachm,
Precipitated sulphur of antimony,
Vitriolated quicksilver, of each a scruple,
Simple syrup, enough for pills,

Number, thirty-two; two to be taken night and morning.

Take of Germander,
Ground pine, of each an ounce,
Lesser centaury, six drachms,
Gentian root, half an ounce,
Syrup of ginger, enough for an electuary.

The size of a walnut to be taken twice or thrice a-day.

Take of Red bark, an ounce,
Winter's bark, three drachms,
Mucilage of gum arabic, enough for an electuary.

Dose, the size of a nutmeg thrice a-day.

Take of Camomile flowers,
Ginger, of each an ounce,
Galangal, two drachms,
Grains of paradise,
Oil of mint, of each one drachm,
Syrup of orange peel, enough for an electuary.

The bigness of a nutmeg to be taken morning and night.

In emaciated habits, two drachms of the tartarized iron may be added to either of the above electuaries.

RHEUMATISM.

THE Rheumatism is a painful disorder, the seat of which is in the membranous part of the body; it is sometimes mistaken for the gout.

The causes. A viscosity of that mucus which is designed to lubricate the joints, and facilitate their motions, heats and colds, moist air, relics of the venereal disorder, large quantities of quicksilver taken, scrophulous diseases, acrid serum, deficiency of vital heat.

The diagnostics. Wandering pains, a fixed pain in the shoulder, hip, loins, arm, leg, knee, thigh, breast, side, or head, that part seldom red, the pain felt most when the part is in motion, or the pain being most severe at night, when the patient begins to grow warm in bed.

N. B. This is the case when the cause is elastic air. Sometimes it is attended with a fever, then called the hot rheumatism, preceded by chills and rigour: persons in years feel the attack in their head and bowels.

The prognostics. If idiopathic, the chronic rheumatism is curable with great facility, however difficult soever it may be thought to be: the author has a right to speak with some confidence on this subject, for he has certainly had the management of as many rheumatic cases as any human being, without finding any of them rebellious to the method hereafter proposed. If improperly treated, it is very apt to return periodically. If symptomatic, the cure of it depends on the removal of the primary disorder. Bleeding in the chronic rheumatism protracts the cure.

The cure. If attended with an ardent fever (then called the acute rheumatism), let it be treated in just the same manner as an ardent fever; when there is

remission give the bark, which, by the way, will remove any rheumatic disorder, if exhibited scientifically, and in large quantities, with proper combinations. The lancet has been esteemed necessary in a chronic rheumatism, but it is never really so; for if it should yield a temporary relief, such relief is purchased at a vast expense. The diet should be the same as in the gout, which see. Let the part be kept warm, bathed with oil of turpentine every night and morning, or a blistering plaster be laid on it. Buckbean tea, though nauseous, is no bad help. The dry vomit will greatly hasten recovery, and in many cases effect a cure alone.

Take of Tartarized antimony, ten grains,

For three powders, one to be taken every other morning fasting.

Take of Tincture of guaiacum, six drachms,
Tincture of aloes, one drachm,
Oil of turpentine, half a drachm,

To be taken in eight spoonfuls of milk or water every night till well. Four or five of these draughts are generally sufficient for a perfect cure. Or,

Take of Socotrine aloes, seven grains,
Purified opium, three grains,
Simple syrup, enough to make two pills.

Both to be taken at bedtime, and repeated as there is occasion. Or,

Take of Colocynth, two scruples,
Purified opium, one scruple,
Vitriolated quicksilver,
Precipitated sulphur of antimony, of each ten grains,
Simple syrup, enough for pills,

Twelve; two to be taken at night. Or,

Take of Calomel,
Conserve of arum,
Camphire, of each a scruple,
Simple syrup, enough for a bolus,

To be taken at bedtime. To prevent its return,

Take of Flour of sulphur, two ounces,
 Gum guaiacum, half an ounce,
 Precipitated sulphur of antimony, two scruples,
 Oil of turpentine, three drachms,
 Honey, enough for an electuary.

Dose, the size of a nutmeg morning and night.

This electuary will succeed also in the cure of most cases alone.

Take of Tincture of guaiacum, two ounces,

Of these drops let two tea-spoonfuls be taken morning and night.

Take of Red bark, an ounce and half,
 Extract of liquorice, half an ounce,
 Oil of aniseeds, two drachms,
 Tincture of Benjamin, enough for an electuary,

Dose, the size of a chesnut twice a-day.

Take of Red bark, an ounce,
 Gum guaiacum, half an ounce,
 Oil of sassafras, two drachms,
 Filings of iron, one drachm,
 Syrup of orange peel, enough for an electuary.

Dose, the size of a nutmeg twice or thrice a-day.

HIP-GOUT.

THE Sciatica, or Hip-Gout, is so called because the pain is confined to the parts about the hip.

The *cause*. Inspissation of the mucus in the acetabulum, which may be occasioned by the same causes which produce the rheumatism,

The *diagnostics*. Intense pain, as though the thigh were dislocated: it is most common with those who

have not yet arrived at the years of puberty; sometimes very old persons are attacked with it; it rarely invades those of middle age; wasting of the thigh, lameness.

The prognostics. If idiopathic, it is not dangerous; if not scientifically treated at first, it may require some pains and time to remove; if symptomatic, reference must be had to the primary disorder; the lameness, if of long standing, is rarely curable.

The cure. The regimen and medicines requisite are much the same as those just mentioned in the rheumatism. Vitriolated quicksilver is greatly and justly extolled as an alterative in this case. It will generally yield, in a few days, to one large spoonful of volatile tincture of guaiacum every night in six spoonfuls of water. Some recommend whipping the part with nettles; much more eligible topics are to be found below.

Take of Gum guaiacum, two drachms,
Purified opium, half a drachm,
Tartarized antimony,
Vitriolated quicksilver, of each ten grains,
Simple syrup, enough for pills,

Number thirty-two; two or three to be taken every night. Or,

Take of Rhubarb, a drachm,
Camphor, half a drachm,
Calomel, twelve grains,
Simple syrup, enough for pills,

Number twenty-four; two to be taken morning and night.

Take of Camphor,
Barbadoes tar,
Oil of turpentine,
Oil of aniseeds, of each half an ounce,

A liniment to be used twice or thrice a-day. Or,

Take of Black soap,
Honey, of each an ounce,

With the white of an egg make an ointment as before.

Take of Litharge plaster, with gums, an ounce,
Plaster of cantharides, two drachms,
Euphorbium, one drachm,

A plaster. Or the common blistering plaster (which may be applied to the head of the fibula, if the part or knee be swelled), or a Burgundy-pitch plaster. See RHEUMATISM.

DEAFNESS.

DEAFNESS must be treated according to the primary disorder from which it arises, as epilepsy, lues, fevers, &c. The more plentiful the excretion of the ear-wax is, the easier to be cured. The methods proper to be taken are such as follow: purges, diaphoretics, blisters, setons, syringings, sternutatories, and the dry vomit. Electricity will sometimes cure it, so also will wearing their own hair in those who have been used to a wig.

The common *cause* of Deafness is a deficient or too viscid secretion, or a stoppage of the ear by hard wax. A tea-spoonful of warm water poured into the ears, and suffered to continue for a minute or two in them every night, will often produce extraordinary and unexpected effects. This is a more expeditious solvent of the ear-wax than upwards of seventy other menstruums that were tried. Let a pinch of the following snuff be taken immediately after:

Take of White hellebore-root, a scruple,
Euphorbium, two grains,

A sternutatory powder.

If the warm water will not remove deafness, after using it some weeks, nothing that is *put into the ears* will do it.

If an insect has penetrated into the ear beyond the reach of extraction, let it be killed by dropping some of the following mixture warm into the ear:

Take of Tincture of aloes, half an ounce,
Oil of wormwood, thirty drops,
Oil of savin, twenty drops,

Shake them well together.

CHOREA SANCTI VITI.

ST. Vitus's Dance is an involuntary yet irresistible motion of several muscles. The patient uses many ridiculous and antic gestures: what is very odd, those muscles only are affected which are destined for spontaneous motion, for the heart, the diaphragm, lungs, and stomach, are never injured by this whimsical disorder.

The cause. An unequal distribution of the nervous influence. This is often owing to an obstructed menstruation, chlorosis, acid gas, irritation from worms, weakness of the solids.

The diagnostics. It is most common to females before puberty; tremors, convulsions, distortions, continued contraction of the antagonist muscle; working of the eyes, stiffness of the limbs, hopping about upon one leg, catching of the hands, twisting of the fingers, lying down and rising upright for many times together, various grotesque and unintended gesticulations.

The prognostics. Menstruation generally cures it. I have seen many extraordinary cases of this sort, but never met with one that was difficult to cure. When of long continuance, it sometimes degenerates to an epilepsy. The use of the lancet (which ought by no means to be allowed in this disorder) sometimes superinduces an opisthotonus, and often an incurable consumption.

The cure. For regimen, see WEAKNESS of the SOLIDS, which is an inseparable concomitant of this distemper. Begin the cure with the dry vomit, which should be continued twice or thrice a-week till the patient is recovered; besides this, the following pills and drops will greatly expedite the cure:

Take of Socotrine aloes, a drachm,
Filings of iron, two scruples,
Precipitated sulphur of antimony, one scruple,
Simple syrup, enough for pills,

Number twenty-four ; two to be taken every night, or oftener.

Take of Tincture of asafoetida, an ounce,

A tea-spoonful to be taken night and morning.

To complete the cure, let chalybeate waters be used, and the cold bath every morning ; half a drachm of ginger may be given with great advantage twice a-day. The balsam of copaiva is of considerable utility, as also is the volatile tincture of valerian. The following mixture I have seen the most desirable effects from :

Take of Prepared kali, two drachms,
Cinnamon water, seven ounces,
Water of ammonia, half an ounce,
Balsamic syrup, an ounce,

Of this mixture, let two tea-spoonfuls be taken morning and night.

WEAKNESS OF THE SOLIDS.

IN all habits of body where there is a constitutional deficiency of vital heat, there must exist a laxity of the muscular fibre, with some of its usual concomitants, viz. habitual chilliness, flabbiness of the flesh, pallid countenance, thin lank hair, bad appetite, lowness of spirits, cuticular eruptions, flatulencies, bilious disorders, obstinate costiveness or diarrhœa. Whatever malady such persons may labour under, bleeding is inadmissible, and must be highly improper ; for such an operation will certainly prove injurious, and perhaps (as is too often the case) fatal to the patient : purging may be of considerable utility to such persons, because they have generally a redundancy of serous fluids, though never of the flat red particles.

Weakness of the solids requires peculiar attention to the regimen and diet, for that which is received into the stomach by pounds and quarts is much more consequential, and may as well be adapted to the state of the case as that which is taken by grains and drops. For such persons a clear dry air is extremely requisite, at some distance from trees: nor is it an unimportant matter for them to take frequent walks in a garden well stored with aromatic herbs, such as rue, lavender, mint, rosemary, &c.; or those herbs may be kept growing in the house, but by no means suffered to lie in it when dry or dead. Sleep should not be allowed to excess, and the less time that is spent in bed when not sleeping the better. The excretions must be duly regulated, for a great deal depends on a proper regard to the evacuations: care should be taken to adjust this affair with as much nicety as possible, and to trim the balance between deficiency and excess. To such persons, few things are of more importance than pleasing conversation, diversions, and a constant endeavour to preserve a calmness and composure of mind. Gentle exercise, gradually increased, must not be neglected; particularly swinging, during a continuance of a moist atmosphere. The most nutritious diet is to be recommended, such, for instance, as milk, which is the best breakfast and supper for all weakly persons without exception: no person need be apprehensive of any bad consequences from its curdling on the stomach; it is most eligible to take it as it comes from the cow, unless it purges; then it must be boiled. Of broths (all of which are useful), that which is made of pork is preferable; the author has seen amazing effects from it. Eggs, if they do not gripe, are very desirable; and all sorts of animal, with little or no vegetable food; especially shell-fish and flat-fish, every species of which affords the most plenteous and the most laudable nourishment: next to these may be mentioned wild fowl, particularly partridges, grouse, and pigeons; for change, chicken, calves' feet jellies, neats' feet, trotters, beef tea, soups of all sorts, caviare, and blancmange. A little jelly may be always at hand, and cannot be too frequently had recourse to if the

stomach will bear it, for *that* must be constantly humoured, and nothing should be refused for which the least inclination is felt. Spirits diluted with water are chiefly, if not wholly, to be drank; unless Madeira wine should be found more agreeable to the palate: if beer is allowed, it ought to be very strong and very old, but not stale.

As a tenderness of the fibres, or a want of due elasticity, is owing to a deficiency of vital heat, which is greatly abated by an acid gas or vapour, persons of this frame should abstain from all those things which increase this sour halitus by fermenting too rapidly in the stomach, such as sugar, fruit, vegetables, claret, and all liquors that have not passed the state of fermentation.

The medicines proper to be administered are aromatics, bitters, chalybeates, astringents, the bark, foetids, detergents, cardiaes, mineral acids, and, above all things else, frequent repetition of the dry vomit. See PHTHISIS, FLATUS, HYPOCHONDRIA, EPILEPSY, and IMPOTENCY.

PAINFUL DISORDERS.

PAIN IN THE HEAD.—See CEPHALALGIA.

PAIN IN THE EARS.

PAIN in the Ears is sometimes caused by the tooth-ach, sometimes owing to an imposthume. If idiopathic and attended with a tinkling, apply plasters of Burgundy pitch, or blisters behind the ears; use warm poultices, sternutatories, setons, cathartics, or opiates.

TOOTH-ACH.

THE Tooth-ach is generally owing either to a swelling of the gums, of the circumjacent muscles, or to the rottenness of the tooth; it may also originate from a viscosity or acrimony of the fluids. It is common in scorbutic habits and to those of weak

solids. If it comes periodically, let the bark be taken; opiates, if necessary, may be given internally: oil of castor held in the mouth will often give immediate ease, so also will electricity. If the gums are much swelled, they may be ripened with a poultice of figs; smoking tobacco will sometimes discuss the tumour; sternutatories are exceedingly useful, and so are blisters; warm cloths should be frequently applied, and plasters of Burgundy pitch to the temples. A tea-spoonful of tincture of opium, or brandy, poured into the ear of the affected side, seldom fails to remove the pain, especially if a little vinegar be previously held in the mouth. If the tooth is rotten, extirpation is the quickest and most efficacious remedy: if that is not permitted,

Take of Purified opium,
Camphor, of each two grains,
Oil of cloves,
Oil of pepper, of each two drops,

A pill to be put into the tooth.

PAIN IN THE FACE.

IF the pain is over all one side of the face, or if both the jaws are affected, use a gargle of brandy and vinegar, equal parts, and bathe the part outwardly with warm oil. If this method has not the desired effect, dissolve a dram of camphor in half an ounce of æther, pour a little of it into the hand, and apply to the affected part.

Take of Prepared kali, two drachms,
Calcined antimony, two scruples,
Pure water, seven ounces,
Balsamic syrup, one ounce,

A mixture; three spoonfuls to be taken night and morning.

PAIN OF THE NECK.

THIS is commonly called a Crick, and is soon helped by drawing sparks from the part when the

patient is placed on an electrical stool : by the frequent application of warm cloths, or by ironing the part, or moistening it with a saturated solution of camphor in æther, or compound water of acetated litharge.

Pain in the Breast. See PHTHISIS.

Pain in the Side. See FLATUS.

Pain in the Stomach. See HEART-BURN.

PAIN IN THE BACK OR LOINS.

TAKE of balsam of copaiva, an ounce. Of these drops let twenty be taken on brown sugar night and morning.

Take of Spa water, half a pint,
Boiling water, the same quantity,

A draught to be drank immediately, and to be repeated twice or thrice a-day.

Half an ounce of tincture of guaiacum,

To be taken every night in six ounces of water. See NEPHRITIS and RHEUMATISM.

PAIN IN THE LIMBS.

SEE RHEUMATISM. If in the *Shins*, give three or four grains of purified opium, with three grains of precipitated sulphur of antimony every other night, anointing them every night with the stronger blue ointment, for it may probably be the effects of a venereal complaint.

WHITE SWELLING.

APPLY a blistering plaster to the knee, let it be wrapped up in it, and the plaster be kept on four

days. This should be repeated every fortnight or three weeks, till the patient is well, giving the dry vomit twice or thrice a-week. I never met with but *one* instance wherein this method failed of success in curing this formidable disorder; but it must be attacked early in the first stages of the complaint.

HERNIA.

A RUPTURE is either intestinal, omental, watery, flatulent, carnous, or varicose. The two first are owing to a falling down of the gut illum, or the caul into the scrotum, groin, or navel. In infants it is easily curable; in adults with some difficulty.

Give an emollient clyster, apply an emollient fomentation, reduce and retain with proper ligatures or a truss; the patient avoiding flatulent food for some time, and all violent motions of the body. Let the part be bathed night and morning with spirit of wine, or with lime-water. Keep the patient on his back as long as possible. I have known those who, by resolutely continuing in this posture for five or six weeks, have been perfectly freed from a hernia of many years standing, though pretty much advanced in years.

The watery Hernia, to be known by a transparent tumour of the testicles, is to be cured by hydragogues, diuretics, discutient cataplasms, or puncture.

The strangulated Hernia, where there is great pain or swelling near the groin, requires the hand of a surgeon, and ought not to be trifled with.

GANGRENE AND MORTIFICATION.

A GANGRENE is the death of a particular part, owing to the total impediment of any communication of a fluid from the arteries. It commonly affects

the adipose membrane; but Sphacelus, or Mortification, invades all parts, the bones not excepted.

The *causes*. Stagnation of the fluids, ligature or compression of the veins, cold, inflammation, wounds, bruises, luxations, fractures (especially if bound too tight), ruptures.

The *diagnostics*. A sensation of a dull pain; a pale, ashy, brown, livid, or green colour; no resistance to the touch. Those of a mortification are, insensibility, a cadaverous smell, perfectly black colour, that blackness spreading, and an eroding mortiferous corruption.

The *prognostics*. A Gangrene may be cured; a Sphacelus must be extirpated.

A Gangrene of the brain, bowels, or bladder, is mortal; of the mouth, lip, nostrils, or genitals, difficult of cure; in dropsicals, phthisicals, and scorbutics, a Gangrene is the forerunner of death.

A mortification, if it attacks the upper parts, or brings on agrypnia, delirium, faintings, borborygni, hiccoughs, spasms, pains which go off suddenly, cold sweats, or coma, forebodes the hasty approach of death.

The *cure*. If a gangrene proceeds from frost, rub the parts with snow or cold water, afterwards applying,

Take of Compound tincture of aloës,
Water of ammonia,
Oil of turpentine, of each equal parts,

For a liniment.

To stop the progress of a mortification, there is no external application comparable in efficacy with the oil of olives: let the parts be bathed with it as hot as it can be borne twice or thrice a-day. I have seen incredible effects from it, even with persons greatly advanced in years. If any thing in nature will prevent a mortification from spreading, I believe this will. Internally give the bark, chalybeates, the blue vitriol, and opiates.

Take of the opiate pill, a drachm ;

Make into sixteen pills ; one to be taken every hour, if necessary.

SCIRRHUS AND CANCER.

A SCIRRHUS is an induration of a glandular part, owing to a previous inflammation.

The *cause*. That which occasions a thickening of the fluids in the glands.

If the edges of a scirrhus are inflamed so as to produce an erosion of the neighbouring vessels, it is called a Carcinoma, or Cancer.

In a recent Scirrhus, the resolution should be attempted by quicksilver and blisters ; if these succeed not, extirpation is necessary : if that cannot be complied with, palliatives are all that can be expected, such as milk diet, the balsam of copaiva, and thirty or forty drops of spirit of nitrous æther in every draught of liquor that the patient takes.

A cancer resists every internal means (hitherto known) of cure. I never saw any good effects from the cicuta. If extirpation is not permitted, give twenty of the following drops night and morning :

Take of Muriated quicksilver, ten grains,
Muriatic acid, ten drops,
Spirit of nitrous æther, an ounce :

Drops. Muriated quicksilver may be sprinkled on the sore.

To alleviate the pain, the tar ointment with calomel applied twice a-day, is, I verily believe, superior in efficacy to any other topic. I have known great numbers whose lives have been rendered comfortable by the use of it, who before had suffered the most excruciating agonies.

The same abovementioned palliatives are requisite.

If the part is extremely offensive, use a carrot poultice. If a cure is expected, it must be obtained from the hands of a surgeon.

I have seen, lately, several cancers of the lip yield to the above drops and ointment.

BURN.

A PPLY oil, or lime-water, or spread some of the calamine cerate thin on a piece of thin leather. To prevent an unsightly scar, after the above cerate has been renewed every day, for four or five days, use a liniment (once a-day also) composed of equal parts of soft soap, honey, and oil of olives.

Keep the burnt parts constantly wet for several hours with WHITE WATER, made by dropping thirty drops of Goulard into half a pint of rain-water. Or, anoint the parts with equal quantities of linseed oil and lime-water shook together.

SPRAIN.

FROM the situation a part must be in when sprained, nothing can be more absurd than the usual method of resting it: it should be kept as constantly in motion as possible, and it will be well in the tenth part of the time that will be requisite for the cure, if spared, which any one may be satisfied of who will make the trial. If any fotsus is used, equal parts of vinegar and brandy is the most eligible. It may also be rubbed in a day or two with volatile liniment.

OEDEMA.

AN Oedematous tumour is soft, whitish, cold, indolent, and does not resist the touch. If a topical application is necessary, I know none preferable to,

Take of Alcohol, an ounce,
 Oil of turpentine, two drachms,
 Water of ammonia, one drachm,

A liniment to be used three or four times a-day.

Or, Compound water of acetated litharge.

ULCER IN THE LEGS.

OF all the disorders incident to poor people, this is the most common ; at least, I have seen such numbers among the infinite variety of persons who have applied to me for assistance, that I can safely aver I have cured more ulcerated legs than any man in his Majesty's dominions ; nor did I ever meet with one case that did not yield to the method hereafter proposed.

The *causes*. A scorbutic acrimony, impoverished blood, sedentary life, poor living, moist air, damp ground. Hence, it is no wonder that there are so few of the weavers in the north of Ireland free from this troublesome complaint ; for they live chiefly upon potatoes, or oaten bread, and sit at their looms three or four feet beneath the surface of the earth.

After recommending a milk diet, the only medicines which I have ordered inwardly were my solution of the muriated quicksilver (see CANCER), twenty drops to be taken in a glass of water morning and night. Or, if obstinately costive,

Take of Gum guaiacum,
 Socotrine aloes, of each a drachm,
 Precipitated sulphur of antimony,
 Vitriolated quicksilver, of each a scruple,
 Simple syrup, enough for pills,

Number twenty-four ; two to be taken every night.

Externally,

Take of Calomel, two scruples,
 Tar ointment, an ounce,

An ointment, with which the ulcer is to be dressed twice a-day for two or three weeks, and then, to complete the cure, let a bandage be bound over the ulcer as tight as it can be borne, and kept moistened with water; and

Take of Spermaceti cerate, six drachms,
Red lead, two drachms,

An ointment. To be applied night and morning. Or,

Take of Muriatic quicksilver, two grains,
Muriatic acid, two drops,
Rose water, six ounces,

A lotion; lint dipped in this to be applied night and morning, and wetted with it before the lint is removed.

The sore may be sprinkled now and then with calomel, or the red nitrated quicksilver.

CONTRACTIONS.

CONTRACTION of the tendons, particularly that of Achilles, fixed to the heel, is a common cause of lameness, especially in children, though this case is often overlooked.

The use of many limbs (when long lost) has been recovered when the patient could not touch the ground with his heel, by the following simple liniment: Take the yolk of a new laid egg, carefully cleared from the white, beat it up with six spoonfuls of spring water; and let the thigh and leg be bathed with it morning and night, for some weeks. The effects are equally amazing and incredible.

PARALYTIC AFFECTION OF THE LEGS.

APPLY a large blister to the os sacrum and loins; electricity, much exercise, strait stockings, liberal use of the flesh brush, dry vomit, cold bath.

See PALSY.

DISORDERS PECULIAR TO FEMALES.

CHLOROSIS.

THE Green Sickness, as it is commonly called, is a distemper that attacks females generally before puberty, and sometimes (if there is no eruption of the menses) long after. It is also termed *Febris Alba*, the white fever; and *Morbus Virgineus*, the virgin disease.

The causes. A deficiency of the vital heat, a predominant acid in the stomach, a lentor of the blood, vitiated quality of it. An over-proportionate quantity of serum, pining, inactivity, dyspepsia, too profuse secretion of the pancreatic juice, vegetables, fruit, sugar, deficiency of bile.

The diagnostics. A sallow, pallid, or livid countenance; laxity of the muscular fibres, inflated eyelids, swelling of the ancles, and sometimes of the abdomen; indolence, aversion from exercise, especially running or walking fast; the respiration difficult and panting; pica and malacia, cephalalgia, a palpitation of the heart, green stools, and sour breath.

The prognostics. This chronical disorder is sometimes of long continuance, without producing any remarkable ill consequences: sometimes scirrhusities proceed from it: it is rarely difficult of cure; menstruation generally carries it off. Feeding on chalk, tobacco-pipes, and such like, is not the cause, but the effects, of this disease.

The cure. The regimen should be the same as in *Weakness of the Solids*. First give an emetic; the properest is a grain and half of blue vitriol, not drinking any thing to work it off: the best time to take it is in the morning fasting; afterwards, uterine cathartics and corroborants, especially chalybeates. The cold bath may be used to advantage. Exercise is necessary. Some bleed in the saphœna; but to lessen the quantity of that important fluid in such cases, as has already been often observed, is inexcusable indiscretion.

From the following tribes an efficacious formula may be easily contrived :

The gums, as ammoniac, galbanum, sagapenum, opoponax, guaiacum, asafoetida, olibanum, myrrh, benjamin, storax, mastic, frankincense.

Aromatic, as Winter's bark, cinnamon, ginger, zedary, all piperines, cloves, nutmegs, and such like.

Bitters, as gentian, galangal, centaury, aloes, camomile, carduus benedictus, which yields a pleasant bitter in a cold infusion, round birthwort, orange peel, &c.

Emmenagogues, as savin, castor, dittany of Crete, borax, penny-royal, rue, mugwort, white bryony root, stinking orrach, black hellebore, salt of amber, vitriolated or tartarized iron, calomel, balsam of copaiva, or compound powder of myrrh.

Take of Tincture of muriated iron, half an ounce,

Twenty drops night and morning. See MENSES SUPPRESSED.

WHITES.

THIS is a disorder to which females of all ages are subject.

The causes. A laxity of the glandular fibres of the lacunæ, suppression of the menstrual discharge, sprains of the loins, hard labour, excessive purging, profuse bleeding, blows, falls, weakness of the solids.

The diagnostics. A constant oozing from the os externam uteri, of a white matter, sometimes thin, yellow, or brown; fœtid, sensation of heat in making urine, fainting fits, loathing of food, pain in the back and loins, increased by exercise, wasting away of the flesh, Hippocratic countenance.

The *prognostics*. It is not very easy of cure. Women are generally troubled with it a great while before they apply for assistance: to this natural bashfulness they owe more bad consequences than they ever suspected. It is often productive of many dreadful disorders, which might with great facility have been prevented; as consumptions, falling down of the womb, dropsy, internal ulcers, &c.

The *cure*. The cold bath, also the most nourishing diet is necessary, as milk, meat broths, shell-fish, and such like. For her breakfast, two drachms of isinglass may be boiled in milk. The dry vomit is of considerable service, as also are gentle purges, which alone are sometimes sufficient, agglutinants, lime water, and Spa-water. The most proper astringents are tormentil root, aromatics, roch alum, acetated ceruse, and chalybeates. Twenty drops of the balsam of copaiva may be taken twice a-day, or a tea-spoonful of tincture of cantharides, which has an excellent effect.

Take of Gum arabic, two ounces,
Red astringent gum,
Olibanum, of each half an ounce,
Balsam of copaiva, enough for an electuary.

Dose, the size of a chésnut night and morning.

Take of Conserve of red roses, two ounces,
Yellow wax, half an ounce,
Rhubarb, two drachms,
Filings of iron,
Galangal, of each a drachm,
Tincture of cantharides, enough for an electuary,

The size of a nutmeg to be taken twice a-day.

Take of Blue vitriol, a scruple, dissolve in
Boiling water, an ounce;

An injection, to be used warm twice a-day. See
GLEET.

HYSTERICIS.

HYSTERIC Fits, notwithstanding the various shapes in which they appear, are too well known to need any description.

The *causes*. An unequal distribution of the vital heat, owing, in some measure, to the peculiar conformation of the uterus and its adjacent parts; suppression or deficiency of the menstrual flux, sometimes to its profusion; delicacy of constitution, luxury, want of exercise, strong inclination to venery, fluor albus, want of blood, acid gas.

The *diagnostics*. Fainting fits, catchings, rising of an halitus in the throat, sometimes so as to endanger suffocation, convulsions, clonus hystericus, quick respiration, laughing, screaming, crying, the hands strongly closed, indecent expressions, colic, cephalalgia.

The *prognostics*. If the patient has been long troubled with them, they often end in a perpetual causeless timidity; madness, or all the horrors of the hypochondriacal affection, to which this disorder is very similar. It is by no means dangerous, or, if scientifically treated, difficult of cure.

The *cure*. All evacuations are hurtful, the dry vomit excepted, which succeeds wonderfully, if frequently repeated, and is, through its own influence, sufficient to effect a cure; but if objected to, the practitioner will find various formulæ which have proved efficacious subjoined. Chalybeate waters are highly necessary; opiates are sometimes so. The cold bath. If the head is affected, let it be shaved, and a blister laid over it. See HYPOCHONDRIA, EPILEPSY, and FLATUS.

Take of Prepared kali, two scruples,
Pure nitre, a scruple,
Purified salt of amber, seven grains,
Pennyroyal water, an ounce and half,

A draught to be taken every night, for some weeks.

Take of Ginger, half an ounce,

For six powders, one to be taken night and morning.

Twenty drops of the oil of amber may be taken night and morning. If costive,

Take of Socotrine aloes,
 Filings of iron,
 Asafœtida, of each two scruples,
 Oil of amber, twenty drops,
 Simple syrup, enough for pills,

Number twenty-four; two to be taken night and morning.

Take of Galbanum, half an ounce,
 Camphor, half a drachm,
 Oil of amber, twenty drops,

A plaster to be applied to the navel. If laxative,

Take of Aloes, half a drachm,
 Purified opium,
 Camphor, of each a scruple,
 Simple syrup, enough for pills,

Number twelve; one to be taken at night, or oftener.

Take of Red bark, six drachms,
 Valerian, half an ounce,
 Filings of iron, a drachm,
 Conserve of aloes, an ounce,
 Syrup of ginger, enough for an electuary.

Dose, the size of a walnut twice or thrice a-day.

MENSES, SUPPRESSED.

AN obstruction of the menstrual flux is either *total* or *partial*, when there is a small drain, and the colour not florid, nor the appearance regular at the stated times. The same method of cure is requisite.

The *cause*. A deficiency of blood. Some have supposed that a universal plethora may be a concomitant of this disorder: to speak my own sentiments, I verily believe that it is never the case. A partial plethora, indeed, or, which is the same thing, an unequal distribution of the vital heat, often may, and does, accompany it.

The *diagnostics*. Loathing of food, pale or bloated countenance, fluor albus, cephalalgia, vertigo, palpitation of the heart, pain in the loins and thighs, swelling of the ancles, hysterics.

The *prognostics*. If it is total, the cure is difficult, but by no means impracticable, as some moderns suspect, unless succeeded by a consumption or from a salivation: in corpulent habits, it is of little consequence: if partial, easily cured; if symptomatic, the primary cause must be removed.

The *cure*. The dry vomit is of admirable efficacy. For regimen, see WEAKNESS of the SOLIDS. If once the blood is sufficient in quantity, there is no fear of the obstruction being removed. Balsam of copaiva is an excellent help. See CHLOROSIS. One remark may not be amiss, viz. that, if no extraordinary inconvenience attends the too *little* or too *great* discharge of this sort, it is best not to interfere by the use of medicines, but leave nature entirely to herself.

Take of Socotrine aloes, a drachm,
Fillings of iron, two scruples,
Precipitated sulphur of antimony, half a drachm,
Calomel, a scruple,
Oil of savin, twenty drops,
Simple syrup, enough for pills,

Number thirty-two; two to be taken every night, or oftener.

Take of Compound tincture of savin,
Tincture of black hellebore, of each an ounce,

Of these drops, let two tea-spoonfuls be taken twice a-day. See FLATUS.

MENSES, IMMODERATE.

THE menstrual discharge is sometimes so profuse as to bring on a large tribe of the most formidable disorders.

The *cause*. Weakness of the solids; consequently a want of elasticity in the fibres of the mouths of the uterine or vaginal arteries, and deficiency of vital heat.

The *diagnostics*. Laxity of the muscular fibre, thin, light, lank hair, flabbiness of the flesh, pallid countenance, syncope, anorexia, swelled aneles, cachexy.

The *prognostics*. If after abortion, parturition, or if the patient is above fifty years of age, it must be very profuse to prove dangerous. If the age is about thirty, and it is succeeded by a spontaneous total suppression, it is always fatal. If of long continuance, and always immoderate at the periodical returns, and the patient under forty, it cannot be restrained too soon.

The *cure*. It is surprising that all practitioners who have written on this subject, propose blood-letting, by way of revulsion forsooth: such practice cannot be too much execrated. A vomit is a more speedy, more effectual, and far safer remedy. For regimen, see WEAKNESS OF THE SOLIDS. The exercise should be very gentle. The medicines necessary are agglutinants, astringents, corroborants, and sometimes opiates. A cloth, dipped in vinegar, may be laid on the abdomen, or loins.

Take of Gum arabic, two ounces, dissolve in pure water,
a pint.

Of this mixture let a tea-cupful be taken two or three times a-day, or as often as there is occasion. Give a scruple of roch alum every half hour till it vomits; afterwards, as much of the red astringent gum, as often as is necessary. She may eat of conserve of red roses to the quantity of an ounce in a day. To prevent a return,

Take of Red bark, an ounce,
Mastic, half an ounce,
Filings of iron, a drachm,
Mucilage of gumarabic, enough for an electuary,

The size of a nutmeg to be taken night and morning.

Take of Alcohol, six drachms,
Oil of turpentine, two drachms,
Vitriolic acid, one drachm,

Of these drops, twenty or thirty may be taken morning and night.

Take of Olibanum, a drachm and half,
Cinnamon, half a drachm,
Venice turpentine, enough for pills,

Number twenty-four; three to be taken night and morning.

If costive,

Take of Conserve of red roses, an ounce and half,
Yellow wax, half an ounce,
Rhubarb, two drachms,
Galangal,
Filings of iron, of each one drachm,
Syrup of ginger, enough for an electuary.

Dose, the size of a nutmeg twice a-day.

FALLING DOWN OF THE WOMB.

THE Falling down of the Womb is owing to a relaxation of its ligaments, or to some violence used in labour.

The *cause*. Falls, strains, shocks, fluor albus, the forcible (though needless) plucking away the after-birth, weakness of the solids.

The *diagnostics*. Great pain when sitting still, or at stool, difficulty of making urine, sometimes convulsions and mortification.

The *prognostics*. If the patient is pregnant, the case is always dangerous; if the part is not reduced, it may turn gangrenous; if the ligaments are broken, scarcely curable.

The cure. Let the patient try to reduce it herself, by the means prescribed under Falling Down of the Fundament. Or, lay a crown-piece, with a small piece of wax-candle, lighted, on the middle of it, on the abdomen: put a tumbler glass over it, and the pressure of the air will soon restore it to its proper place. If she is with child, let the abdomen be supported by a bandage. She should be kept lying on her back (with her hips raised, and her legs crossed) as long as possible. Use clysters, astringent injections, fomentations, pessaries.

See the drops in the last article.

DISORDERS PECULIAR TO PREGNANCY.

NAUSEA and Vomiting.—Give frequently twenty drops of diluted vitriolic acid in a tea-cupful of strong mint tea; or, if necessary, opiates. See VOMITING.

Diarrhœa.—See that article.

Costiveness from the pressure of the fœtus.—Administer a fat oily clyster. A powder composed of two parts magnesia and one of rhubarb; of this let a drachm be taken occasionally.

Heart-burn.—Two scruples of chalk and one of gum arabic may be taken as often as necessary, if not costive; if that is the case, give as much magnesia, drinking half a pint of broth after every dose.

Syncopes.—Use cardiacs, volatiles, opiates, strong soups, and jellies.

Longing.—Whatever is craved may be given with safety, and ought by all means to be procured as soon as possible.

Swelling of the ancles, legs, thighs, or breast.—Use gentle purges, absorbents, diuretics, diaphoretics, opiates, rest; if the legs, they cannot be kept too much in an horizontal position.

Pain in the loins.—If from the weight of the foetus, let the abdomen be supported by a bandage. Cardiacs and rest are necessary.

Soft, white, cold indolent swellings of the os externum, require scarification.

Dysury.—Agglutinants; the catheter.

Dyspnœa.—See COUGH.

Bearing down.—See ABORTION below.

Flux, menstrual or hæmorrhoidal, treat as at other times.

False conceptions, or moles, leave to nature. If any thing is given, it should be taken from the emmenagogic tribe. Pretty violent exercise may be used.

ABORTION.

THIS and every other disorder to which a woman during the state of her pregnancy is liable, is chiefly, if not entirely, owing to a deficiency of heat and blood; which may easily be gathered from the consideration of the expense she is at for the nutrition of the foetus, and the formation of its appurtenances. If two ounces of blood were drawn every day from a person ever so healthy for forty weeks together, let it be left to common sense to determine whether such an one can stand in need of supernumerary blood-letting during that time.

It is upon this account that their faces appear so thin, their noses pinched in, and various disorders attack them which originate from a deficiency of blood. If a woman with child is bled, says Hippocrates, a miscarriage is endangered; the larger the foetus, the more certain and expeditious will be the abortion. Experience confirms the truth of this observation of the divine old man. I knew many ladies who used blood-letting during their pregnancy, and miscarried; but,

on the omission of it, went out their full time, and were delivered of healthy children. That all do not miscarry who are bled, is true; and indeed nothing is more to be wondered at than the inexhaustible resources of nature, by which she can recover herself from the consequences of such ill-timed evacuations. To use blood-letting because her periodical visits disappear, is absurd and childish, for it cannot be a manly argument that we ought to lavish away that fluid which nature demonstrates her want of by her care to preserve it. Bleeding, in a word, is always hazardous and improper during pregnancy, and not seldom brings on convulsions and death. To this rash and inexcusable imprudence it is owing that such numbers of women, who even go their full time, die in child-bed.

The *causes*. Weakness of the solids, bleeding, blows, falls, frights, disappointment in that which was longed for.

The *diagnostics*. Pain in the back, loins, and thighs, bearing down; cephalalgia, nausea, quick pulse, flatness of the breasts, syncopes, dribbling of the water from the uterus, flooding.

The *prognostics*. If nature is not counteracted or disturbed by unnecessary interposition, there is seldom any danger of the mother. If the foetus is dead (which may be known by fainting fits, cold sweats, flushings, rigor, or the foetus falling from side to side), nothing but mild emmenagogues should be given once or twice a-day. It may continue in the uterus three or four weeks without any ill consequence, and it scarcely ever exceeds that time before nature will effect its expulsion.

The *cure*. Prevention is all we are capable of in these cases. Where there is a proneness to miscarry, from a laxity of the muscular fibres, or if she has miscarried before, it will be necessary to use the same regimen as that recommended under WEAKNESS of the SOLIDS, and to keep an issue constantly open. I knew a lady who miscarried twice, then opened an issue, and

while it continued, had three living children; she then suffered it to dry up, and again miscarried: it was cut again shortly after, and she bore five strong healthy children; her issue then dried up spontaneously, after which she miscarried three times successively. The reader is left to make his own observations on this remarkable case. I have often seen amazing effects from the following:

Take of French bole,
Mastic, of each three drachms,
Yellow wax, two drachms,
Cyrus turpentine, enough for a plaster,

To be applied to the loins, and worn during the time of pregnancy.

Take of Chalk mixture, six ounces,
Spirit of cinnamon, two ounces,

A mixture, of which let three spoonfuls be taken morning and night.

Take of Canella alba, a scruple,
Ginger, ten grains,
Aromatic confection, half a drachm;

A bolus to be taken every night.

Take of Red bark, one ounce,
Winter's bark, three drachms,
Cloves, one drachm,
Oil of cinnamon, twenty drops,
Mucilage of gum arabic, enough for an electuary.

Dose, the size of a nutmeg morning and night.

PARTURITION.

THE usual time of delivery is forty weeks after impregnation. It has been generally supposed that, about the eighth month of pregnancy, the head of the foetus growing specifically heavier than the body, falls down on the os internum, with the face towards the mother's back, which was before towards her belly. This *tumble*, as the French call it, appears to me to be

wholly imaginary, for I never dissected a woman in any state of pregnancy that the posture of the fœtus was not the same as at the time of delivery, when the birth is natural.

The fœtus receives no nourishment but by the umbilical cord, notwithstanding the numerous arguments which that ingenious and truly excellent anatomist, Heister, has used to prove, that it swallows the liquor of the amnios membrane before expulsion; a sufficient refutation of all which is, that, from the consideration of its posture, and incapacity of breathing, it is impossible.

In a natural birth, nothing more is necessary than to support and prevent the laceration of the perinæum, leaving the rest to nature. In breech presentations, it is needless to alter the posture of the fœtus, but in all other preternatural positions search for and extract it by the feet. If the placenta follows not immediately, use no violence; the woman may be ordered to bed: there are frequent instances of its continuance in the uterus for twelve, twenty, yea, eight and forty hours, without the least ill consequence. What nature will perform in such cases is scarcely within the limits of credibility: when the head of the fœtus has been left, she has effected the expulsion of it without any assistance; and, what is still more extraordinary, a living child has been produced from a pelvis, where there have not been more than two inches between the pubes and sacrum. It would be far more eligible for practitioners to watch, wait upon, and gently operate with, than even to attempt to hurry or disturb nature in any of the efforts she may make to relieve herself.

In difficult labours, let an emollient clyster be administered. If attended with a suppression of urine, the catheter should be introduced; sternutatories may be used to advantage; sometimes emetics and opiates; strong cardiacs ought not to be omitted.

Take of Balsam of copaiva, half an ounce,
The yolk of two eggs,
Linsseed oil, six ounces,

An excellent clyter.

Take of Myrrh, a scruple,
Purified opium, two grains,
Syrup of saffron, enough for a bolus,

To be repeated as there is occasion.

Take of Penny-royal water, six ounces,
Spirit of penny-royal, two ounces,
Compound tincture of lavender, half an ounce,

Of this mixture, three spoonfuls should be given every hour, or every half hour, with one of the following powders:

Take of Borax, a drachm and half,
Myrrh, half a drachm—mix and

Make into six powders.

To procure an easy labour.—A tea-spoonful of the compound tincture of *savin*, taken every night for a month before the expected time, is a most certain, safe, and efficacious method, as I have experienced in a prodigious number of cases.

Flooding.—Let a cloth, dipped in vinegar, be applied frequently to the abdomen and loins, and be left on till it is dry. See MENSES, IMMODERATE.

Fever in child-bed.—Let her be kept cool and receive constant supplies of fresh air. Give the tartarized antimony in small doses with castor, and cardiacs.

Suppression of the lochia.—Give a scruple of compound powder of myrrh two or three times a-day.

AFTER-PAINS.

AFTER-PAINS are most severely felt by those women who have had more children than one.

The causes. A too quick contraction of the mouths of the uterine arteries; a distention of the ligaments, elastic air, retention of pieces of the coagulated blood.

The *diagnostics*. Spasmodic constriction of the loins; shooting pains in the groin, abdomen, or thighs.

The *prognostics*. They are not dangerous, nor difficult to remove; if they cause a suppression of the lochia, use emmenagogues.

The *cure*. Some give half an ounce of oil, not without a good effect. That which is given to drink should be sopped very warm. The abdomen ought to be swathed pretty tight. Opiates may be given with safety.

Take of Spermaceti, half an ounce,
The yolks of two eggs,
Tincture of opium,
Oil of juniper, of each a drachm,
Penny-royal water, seven ounces,

A mixture; of which let three spoonfuls be given every three or four hours, till the pains go off. Or,

Take of Galbanum,
Myrrh, of each half a drachm,
Purified opium, ten grains,
Balsam of Peru, enough for twelve pills,

One to be taken every hour till the pain vanishes. Or, twenty drops of laudanum in a glass of water.

SORE NIPPLES.

DRESS them twice a-day with the following liniment; it will not disappoint expectation.

Take of Spermaceti cerate,
Balsam of Peru, of each two drachms,

A liniment.

DISORDERS PECULIAR TO CHILDREN

THE disorders peculiar to children are exceedingly few which require any assistance. If they are kept very cool (except in winter), fed sparingly and often; have their bodies sufficiently open; be suffered to sleep little in the daytime, and almost continually played with and dandled; in a word, let them not be

gorged with victuals, and receive sufficient exercise, and nature will do her own business, without any interference, in all disorders that I know of, excepting those mentioned below. When children have any other complaints, the best advice I can give is, *to do nothing*.

Frequent friction with the hand, and almost perpetual motion on the arm, are the best of all prophylactics.

My intention, in the seventh edition of my work, was to have given more particular and diffusive directions for the management of children; but I am well pleased to find that intention superseded by Dr. Underwood's excellent Treatise on the Diseases of Children, a work worthy of the highest commendation, and which I most warmly recommend to the perusal of my reader. There is one thing, indeed, in which I cannot agree with him, viz. the *necessity* of bleeding in the measles and hooping cough. I have only to say, I never once attended a child in either of those disorders, which died, that had not previously been bled: this *necessity*, therefore, appears to me to be doubtful. However, if there are any other errors to be met with in this author, I am persuaded that in his work they are as remarkable for their trivialness and scarcity, as Dr. B.'s Domestic Medicine is for their magnitude and number.

RETENTION OF THE MECONIUM.

IF the child has no discharge by stool within six hours after its birth, let a tea-spoonful of oil of olives be given to it, or a few grains of manna, or an oleous clyster; or a tea-spoonful of rhubarb wine, to be repeated as there is occasion.

HYDROCEPHALUS.

HYDROCEPHALUS, or the watery head: the best remedy for it, if any, is a perpetual blister. It must not be opened; if it is, the child will be irrecoverably lost.

HYDROCEPHALUS INTERNUS.

THIS disorder is commonly called the dropsy of the brain, because, on dissection, there is found below the corpus callosum a bag of water, generally as large as a goose egg, or two or three ounces of water extravasated on each side of the falx. It greatly resembles the worm fever, these particular diagnostics excepted, constant moaning, shrieking, intolerance of light, enlargement of the pupil, squinting, and frequent lifting of the hand to the head. *It is always mortal.* The cause (if not preceded by a blow, or pulling the hair) is unknown. I was once in a town where this distemper was exceedingly rife: it never attacks any one after the age of puberty. As all attempts are vain, it is pity to give the patient the least painful sensation: blisters are entirely useless. They often live in this pitiable and shocking state till the fifteenth or seventeenth day after the first invasion. The only prospect is from quicksilver.

CONVULSIONS.

IF symptomatic, the removal of the primary disorder which contains them is the first object. Those that are most common generally yield to the following:

Take of Peppermint-water, an ounce and half,
Prepared kali, two scruples,
Balsamic syrup, half an ounce,

A tea-spoonful night and morning, or three or four times a-day, as there is occasion.

Take of Tincture of asafœtida, half an ounce,

Give ten drops every two or three hours.

Take of New milk, an ounce,
Peppermint-water, half an ounce,
Tincture of asafœtida, half a drachm,

For a clyster.

The above clyster may be given with vast advantage in all convulsive disorders in children.

Note. The prepared kali has all the *good* effects of absorbents; besides keeping open the bowels and urinary canals, it entirely precludes their use. In a diarrhœa, chalk may be used, which is the best of the whole tribe.

SCROPHULA.

HAVING already treated of the Evil, I should not again have resumed the subject, but on account of recommending a medicine which has *perfectly* cured an infinite number of scrophulous children. Yet a very eminent physician* has asserted in print, *that quicksilver is of no service*: I asked him, if he had used it for any length of time? His reply was, Not at all, but several physicians had asserted the same. I think my *assertion*, which arises from trials, and invariable success in those trials, demands as much attention.

Take of Muriated quicksilver, ten grains,
Muriatic acid, ten drops,
Rose water, half an ounce.

Of these drops, let three be given to a child from two to four years old every night, or even four drops, if they do not purge (for they must not run off by stool), and the use of them continued for several months, till quite well. I have seen the most astonishing and incredible cures performed by them.

Glandular tumours in the neck, &c. will sometimes be discussed by the tar ointment, rubbed in morning and night. If they lessen not in five or six days,

Take of Camphor, half an ounce,
Oil of olives, six drachms,
Aniseed, one drachm,

* Dr. F., the ingenious author of the Treatise on Bath Waters.

A liniment, to be used three or four times a-day. Or, saturnines.

If it still continues to swell, or begins to look red, apply a poultice of bread and milk *only*, repeating it three or four times a-day, and let one be laid on at bed-time, to be kept on all night. This process to be continued till it breaks, and for a day or two after; then dress, as you will find under the article EVIL, which see.

TOOTHING.

IN six or seven months after birth, children commonly begin to shew signs of dentition: it is often accompanied with some very untoward symptoms, as violent pain, symptomatic fever, convulsions, partial palsies, and severe diarrhœa. I have seen children lose the use of an arm, of a leg, and sometimes of both, till the tooth was through, and then recover immediately, without any medical assistance. The signs of cutting their teeth are, swelling of the gums, salivating, looseness, restlessness, and symptomatic fever.

Though opiates are improper for such tender frames, yet in this case (if in any one) they may be allowed, as it is always attended with some danger; no small care is requisite to assist nature through this troublesome process. Among the many ill effects which a liberal use of Godfrey's Cordial (too often made use of by indolent nurses), or any other opiates, produces in children, may be reckoned costiveness, which is the worst habit of body a child can be subject to.

Rub the inflamed gum hard and often with a lump of sugar, even till it bleeds; or give a child a piece of scraped liquorice root to mumble, or divide the gum with a gum lancet, to facilitate the passage of the tooth.

There are few disorders to which children are liable, that are not either caused by or attended with a predo-

minant acid in their stomach and bowels, partly owing to the quick fermentation of the milk in their stomachs, but chiefly to that pernicious ingredient, sugar, in their victuals; this is evident from the sourness of their breath and stools, and the green colour of the latter.

Magnesia alba should be given them not sparingly, if costive; chalk powdered, if laxative; which two are the only medicines necessary for them while they are suckled.

Perhaps it may not be amiss to observe, that five or six months are long enough for any child to suck with the least advantage to itself, or without manifest detriment to the mother.

WORM FEVER.

AS this Fever is only symptomatic, bleeding is unnecessary and improper. A few grains of nitre, or salt of wormwood, may be given two or three times a-day. If the fever remits, give the bark, than which there is scarcely a better vermifuge. For common drink, water sweetened with honey, and acidulated with lemon juice. Of all the various medicines which are used in this case, perhaps none will prove more successful than the following powders:

Take of Scammony, ten grains,
Calomel, three grains,

A powder to be given occasionally. Or,

Take of Mercury with sulphur, two drachms,
Rhubarb, half a drachm,
Tartarized antimony, two grains,

For six powders, one to be taken twice a-day.

Take of Indian pink roots, an ounce,

Divide into three parts; of one part make an infusion by boiling water; two or three tea-cupfuls to be taken at once, and repeated occasionally.

N. B. This disorder is not uncommon with adults, especially females.

TUSSIS CONVULSIVA.

THE Hooping or Chin-cough, as it is called, is dangerous, on account of those spasms of the lungs wherewith it is always attended, and from whence that matter is ejected when the children hoop and strain, and not from the stomach, as is vulgarly supposed.

Take of Antimony tartarized, five grains,
Water, an ounce,
Balsamic syrup, two drachms,

A mixture; a tea-spoonful to be taken every half hour, till it pukes, and repeated every other morning.

Ten drops of the balsam of copaiva, on sugar, twice a-day, ought not to be omitted. Spermaceti, dissolved in broth, is useful; so also is an electuary composed of nettle-seeds and honey; the asafoetida, were it less nauseous, is inferior to no medicine. They should be kept as warm as possible. The exercise of swinging is peculiarly serviceable to them. Oil of amber, or garlic, rubbed on the spina dorsi every night, will have a wonderful effect, or a Burgundy pitch plaster, to be worn constantly between the shoulders. See COUGH.

Emetics, eccoprotics, antacids, antispasmodics, as valerian, gum ammoniac, castor, musk, &c. are all of considerable utility, and opiates, if not costive. As a plethoric child is a prodigy indeed, I cannot conceive what phlebotomy has to do in this or any other disorder to which children are liable: whatever their ailments are, the lancet may well be dispensed with. I have seen many, too many instances, in which their lives have been sacrificed to the use of it.

Take of Prepared kali, two scruples,
Peppermint water, an ounce and half,
Balsamic syrup, half an ounce,

A tea or pap-spoonful to be taken night and morning.

WATERY GRIPEs.

IN this disorder not more than *two* doses of rhubarb ought to be premised, before recourse is had to astringents, such as the compound powder of chalk, with opium, which is second to none ; it may be given from three to five grains twice or thrice a-day. Chalk may be freely given, and any alkalis. The inmost peel of a walnut, powdered, and given at pleasure, is excellent ; or powder of unripe blackberries. In the decline of this and the foregoing disease, large quantities of the bark, in decoction, should be used, to confirm and perfect their health and strength.

SCALD HEAD.

LET the head be shaved, if it can be performed with any tolerable convenience, and apply the tar ointment, with calomel, rubbing it well in night and morning.

Take of Tobacco, two ounces, boil in
Water, a pint,

Till about an ounce is evaporated ; then strain, and add a drachm of water of kali. Let a cloth be dipped in this mixture, warmed, and the head be moistened with it each time, previously to the application of the ointment, and the cruel operation of plucking out the roots of the hair will be totally unnecessary.

During the cure, small quantities of antimonials and mercurials, combined, will be found extremely serviceable, or the solution of muriated quicksilver, or the mixture under SCURVY, which see ; but none of them are actually necessary. The above topics may be safely trusted to alone.

CUTICULAR ERUPTIONS.

THESE are very common with children, and are no very unpromising prognostics. They indicate a proper attempt of nature to throw off something that is offensive ; consequently they ought to be promoted, and by no means to be repelled by any evacuations

whatever. Bleeding or purging would be equally injurious. In this case, animal food, with plenty of salt, is necessary. My eldest son, at the age of four years, had a violent eruption all over his body, which soon disappeared without any medicines by the liberal use of salt and gravy. No diet is so proper for children as that of animal substance; and the healthiest children I ever saw were those who had been used to it from the time that they were four or five months old. The meat should be minced small, but not deprived of its most nutritious juices, by being previously and filthily mouthed by the nurse. If children had nothing given them but milk, or half cow's milk and half water, till they began to teethe, without either bread or sugar, and afterwards were indulged in the use of animal with very little vegetable food, we should rarely find any disorders among them. Vegetables require too laborious a process for their tender organs to elaborate into nutritious chyle. See SCURVY, and the mixture and liniment under that article.

RICKETS.

THIS is a disease that affects the bones of children; the head is sometimes enlarged to an enormous size; the wrists and ancles seem protuberant, and, as the bones increase in size, the child grows weaker; indeed, every fibre is distended beyond its proper dimension, for the solids are by no means a match for the fluids. It is chiefly, if not wholly, owing to the sloth and nastiness of the nurse. Those children who are much dandled and danced, kept clean, and frequently in motion, carried sometimes on one and sometimes on the other arm, will be for ever strangers to this disorder.

For the cure, emetics and rhubarb purgatives being premised, give chalybeates, the bark, change of air, plenty of exercise, which is absolutely necessary, and let the child be plunged into cold water every morning; but never give it a second, much less a third dip, as is the foolish custom of some. For regimen, see WEAKNESS OF the SOLIDS.

A

GLOSSARY.

A

ABDOMEN. The belly.

Abscess. A tumour or swelling in the body, in which the collective matter degenerates into pus.

Absorbents. Vessels that convey the nourishment from the intestines, and the secreted fluids from the various cavities into the mass of blood; or, a medicine that, by the softness or porosity of its parts, either eases the asperity of pungent humours, or draws away superfluous moisture in the body.

Achilles Tendon. A tendon formed by tails of several muscles, in the calf of the leg, and tied to the heel-bone.

Acrimony. Corrosive sharpness.

Acute. A disease, the symptoms of which are violent, and tend to a speedy termination, is called acute.

Adnata. The common membrane or coat of the eye.

Adult. Of mature age.

Anorexia. That disorder in the stomach which creates a loathing and want of appetite.

Anodyne. A medicine that relieves pain.

Antispasmodic. Whatever tends to prevent or remove spasm.

Antagonist muscles. The Extensor of the cubitus, which serves to pull back the arm; and the Flexor, which bends it, are antagonists, having contrary actions.

Anthelmintics. Medicines which destroy worms in the human body.

Antiemetics. Medicines which stop vomiting.

Anus. The fundament; the extreme part of the strait gut.

Aphthæ. Small whitish ulcers appearing in the mouth.

Astriction. A tightening or lessening.

Atrophy. A species of consumption, when the body, or some member of it, is not nourished, but decays and wastes away insensibly.

Attenuant medicines. Such as with their sharp particles open the pores of the body, and cut the thick and glutinous humours, so that they can easily pass through the vessels.

B

Bile or Gall. A fluid which is secreted by the liver into the gall-bladder, and from thence passes into the intestines, in order to promote digestion.

Borborygmi. Rumblings of the bowels—sour eructations.

Bronchotomy. That operation which opens the windpipe by incision, to prevent suffocation.

Bronchia. The branches of the windpipe dispersed through the lungs.

Eubo. A tumour with inflammation in the groin.

C

Cachectic Habit. A distemperature of the humours, so as to hinder nutrition, and consequently to weaken the vital and animal functions.

Cacochymy. An unhealthy state of the body.

Capillary Vessels. The smallest branches of the veins and arteries.

Cardiacs. Medicines which strengthen and comfort the heart, by putting the blood in a brisk circulation.

Caries. A rottenness of the bone.

Cathartics. Purges.

Catheter. A hollow and somewhat crooked instrument to thrust into the bladder, to assist in bringing away the urine when the passage is stopped.

Cephalalgia. Pain in the head; head-ache.

Cerebellum. A kind of little brain by itself, placed in the hinder part of the skull, underneath the hind part of the cerebrum or brain.

Chancre. A French word, generally used for a venereal ulcer upon the penis.

- Chalybeate.* Of or belonging to iron.
- Chyle.* A milky fluid separated from the aliment in the intestines, and conveyed by the absorbents into the blood to supply the waste of the animal body.
- Chronic.* A disease whose progress is slow and of long standing, in opposition to acute.
- Chylopoietic Organs.* The organs which are the instruments in forming the chyle, or nutritive fluid.
- Circulation.* The motion of the blood, which is driven by the heart through the arteries, and returns by the veins.
- Clavus Hystericus.* A circumscribed pain in the head, as if a nail were driven into it.
- Colliquative Evacuations.* Dangerous fluxes, with profuse greasy, clammy sweats.
- Comatose.*—Sleepy.
- Conglobate Gland.* A simple gland.
- Conglomerate.* A compound gland.
- Corpuscles.* Very small parts of bodies.
- Corpus Callosum.* The covering of a space made by joining together of the left and right side of the inward substance of the brain.
- Crisis.* A certain period in the progress of a disease, from whence a decided alteration, either for the better or the worse, takes place.
- Critical.* Decisive or important.
- Cutis.* The skin.
- Cutaneous.* Of or belonging to the skin.
- Cynanche.* A species of the Quinsy, and is an inflammation of the internal muscles of the *Larynx*.

D

- Debility.* Weakness.
- Delirium.* A temporary disorder of the mental faculties.
- Demulcents.* Such medicines as blunt or sheath the corroding acrimony of the fluid, and relax and soften tense fibres.
- Depuration.* The purification of the blood and other juices of the body.
- Diagnostic.* A termed applied to those signs that indicate the present state and nature of a disease.

K

- Diaphoretic.* Producing sweat.
- Diaphragm.* A membrane separating the cavity of the chest from that of the belly.
- Diarrhœa.* A looseness, or flux of the belly.
- Diastole.* A termed used to express that motion of the heart and arteries, whereby those parts distend themselves ; the contrary of which is *Systole*. The *Systole* seems to resemble the forcible bending of a spring ; and the *Diastole*, its flying out again to its natural state.
- Diatheſis.* The natural or preternatural disposition of the body, which inclines us to the performance of all natural actions.
- Diluent.* That which thins other matter.
- Diuretic.* A medicine that promotes the secretion of urine.
- Drastic.* Is applied to such purgative medicines as are violent or harsh in their operation.
- Dyspnœa.* A difficulty in breathing.

E

- Eccoprotics.* Such medicines as gently purge the body.
- Emollient.* Softening.
- Emmenagogues.* Medicines which excite the courses in women.
- Empyema.* A collection of purulent matter in the cavity of the breast.
- Emphysematous Tumours.* Swellings where wind is contained, with a little skinny phlegm.
- Encephalos.* The whole contents of the skull.
- Epiphora.* A flux of tears from the eye.
- Epidemic.* A disease generally infectious.
- Epithem.* Any outward application chiefly in a liquid form.
- Erosion.* An eating away of the solid parts.
- Errhines.* Medicines which purge the head.
- Eructations.* Belchings.
- Eruginous.* Rusty, cankered, mildewed.
- Erysipelas.* A swelling of a bright yellow colour, inclining to red, usually attended with a pain and a symptomatic fever.—Saint Anthony's Fire.
- Exacerbation.* The increase of any disease.

Exanthemata. Certain wheals, pushes, or breakings out on the body; efflorescences, or pustules.

F

Facias Hippocratica. Hippocrate's countenance, portending death, viz. sharp nostrils, hollow eyes, low temples, the laps of the ears drawn together, skin about the forehead high and dry, pale complexion, or of a leaden or black colour.

Fæces. Excrements.

Fibula. The outer bone of the leg.

Flatulent. Producing wind.

Fætid. Emitting an offensive smell.

Fœtus. The child before birth, or when born before the proper period, is thus termed.

Formula. A prescription.

Fungus. Proud flesh.

G

Gangrene. A stoppage of circulation, followed by putrefaction: a mortification in its first beginning.

Gibbosity. A bunchiness on the breast or back.

Gonorrhœa. A morbid running of venereal virus from the penis.

Gummata } Venereal excrescences.
Ganglia. }

H

Hæmorrhoids. The piles.

Hæmorrhage. Discharge of blood.

Hectic Fever. A slow consuming fever, generally attending a bad habit of body, or some incurable and deep-rooted disease.

Hydatids. Watery bladders, found on different parts of the human body.

Hydragogues. Medicines which purge away watery humours.

Hypochondriacism. Low spirits.

Hypochondriac Viscera. The liver, spleen, &c. so termed from their situation in the hypochondriac, or upper and lateral parts of the lower belly or abdomen.

Hypochondres. The two sides of the upper part of the belly, about the short ribs.

I

Ichor. Thin bad matter.

Idiopathic Disease. One that neither proceeds from nor depends on another.

Imposthume. A collection of purulent matter.

Inflammation. A surcharge of blood, and an increased action of the vessels, in any particular part of the body.

Inspissation. The act of thickening.

Irritation. A species of stimulus, or stirring up of the humours of the body.

Jugular Veins. Those along the side of the neck.

L

Lentor. That sily, viscid, coagulated part of the blood, which obstructs the capillary vessels in fevers.

Lientery. A kind of looseness, when the food passes suddenly through the bowels with very little alteration.

Ligature. A bandage.

Linctus. A medicine to be licked by the tongue for coughs.

Liniment. An external medicine of a middle consistence, between an oil and an ointment, for bruises.

Lixivium. Ley.—Make of an alkali.

Lues. A word used by Surgeons, to signify a confirmed venereal complaint.

M

Malacia. The longing of a woman with child: also a depraved appetite, such as is common in the green-sickness.

Marasmus. A general wasting of the body.

Masticatories. Medicines to be chewed, not swallowed, to provoke spitting.

Meconium. The excrements of a newly-born child.

Mediastinum. A membrane which divides the thorax longitudinally, formed by a doubling of the pleura.

Meninges of the Brain. Two thin membranes, which enclose the substance of the brain, called the *Dura* and *Pia Mater*.

Mesentery. A double membrane, which connects the intestines to the back-bone, and about which they are involved.

Meseraic. See Mesentery.

Mitastasis. A change of the matter causing a disease, from one part to another.

Miasmata. Such particles, or atoms, as are supposed to arise from distempered, putrefying, or poisonous bodies.

Miserere mei. A complaint of the bowels, so called from the pain it gives, the word signifying "pity me."

Miliary Eruption. Eruption of small pustules resembling the seeds of millet.

Miliary Glands. Those employed to separate the matter which is thrown off by insensible perspiration.

Morbific. Causing disease, or diseased.

Moral. Mulberry like, a character of a certain species of the piles.

Mucus. The matter discharged from the nose, lungs, &c.

N

Nausea. An inclination to vomit.

Nervous. Irritable.

Nidorous. Having the smell and taste of roasted fat, or bad eggs.

Nodes. Enlargements of the bones produced by the venereal disease, chiefly on the shin bone.

Non-naturals. Air, meat, drink, sleep and watching, motion and rest, what is cast out of the body, and what is retained in it; and the passions of the mind.

O

Oleous. Oily.

Opiate. A sleepy potion, composed of opium.

Opisthotonos. A kind of cramp, in which the muscles of the neck are drawn backwards.

Oscitancy. Unusual sleepiness.

Os Sacrum. The lower part of the back-bone.

P

Pancreatic Juice. A humour separated from the blood, and prepared in the Pancreas, or Sweat Bread.

Paregoric. A medicine to assuage pain. An opiate.

Par Vagum. A pair of nerves which arise below the auditory nerves, from the sides of the medulla oblongata, passing down by the heart, liver, &c.

Pathognomonic Sign or Symptom. The inseparable sign of a particular disease, and that which distinguishes it from all others.

Pectoral. Medicines adapted to cure diseases of the breast.

Pelvis. The bones situated at the lower part of the trunk ; thus named from their resembling, in some measure, a bason.

Perinæum. The seam between the testicles and the fundament.

Peripneumony. A disease in the lungs, accompanied with fever, shortness of breath, a cough, &c.

Peritonæum. A membrane lining the cavity of the belly and covering the intestines.

Pericardium. A membrane bag containing the heart.

Perspiration. The matter discharged from the pores of the skin in form of vapour or sweat.

Pessary. A medicament made up of the length of the middle finger, to be put into the neck of the womb.

Petechiæ. Small spots on the skin, like flea-bites, which come out in some fevers.

Phlebotomy. The art or operation of letting blood ; venesection.

Phlegmatic. Watery, relaxed.

Phlegmon. Any hot tumour with redness, beatings, and pain ; a boil.

Pica. A depraved appetite, which causes the patient to covet things unfit for food, as coal, chalk, &c.

Plethora. A state of body in which the vessels abound with more good humours than are necessary to health.

Plethoric. Replete with blood.

Pleura. The thin skin that covers the inside of the ribs.

Polypus. A diseased excrescence, or a substance formed of coagulable lymph, frequently found in the large blood-vessels after death.

Præcordia. The parts about the heart.

Prepuce. Foreskin of the penis.

Primæ Viæ. The first passages ; the stomach, intestines, and their appendices.

Prognostic. Symptoms of life and death, the increase or decrease of the distemper.

Prolapsus ani. The falling down of the fundament.

Ptyalism. An effusion of spittle ; a salivation.

Pubes. Privy parts.

Pus. Matter contained in a boil.

R

Rectum. The strait gut, which begins at the colon, and ends at the anus.

Recipe. A receipt—a Latin word, signifying “take.”

Regimen. Regulation of diet, &c.

Respiration. The act of breathing.

Rigor. A convulsive shuddering, with a sense of cold.
The cold fit in the beginning of a fever.

Risus Sardonius. A convulsive kind of grinning, caused by a contraction of the muscles on each side of the mouth.

S

Saliva. The fluid secreted by the glands of the mouth; spittle.

Sanies. A thin bad matter, discharged from an ill-conditioned sore.

Sanguineous. Belonging to the blood—bloody.

Saphæna. A vein which descends under the skin of the thigh and leg, and turns to the upper part of the foot.

Scirrhus. A state of diseased hardness.

Scirrhus. An obstructed hardened gland.

Semicupia. Shallow warm-baths, which reach only to the navel.

Serpiginous Ulcers. Like those called tetters, ring-worms.

Serum. The thin watery part of the blood, which in coagulation separates from the grume or crassamentum.

Seton. A seton is made when the skin is taken up with a needle, and the wound kept open by a twist of silk or hair, that humours may vent themselves.

Seybals. Hard dry excrements, like sheep's dung.

Spasm. A diseased contraction.

Spine. The back-bone.

Sternutatory. Medicine that provokes to sneeze.

Sublingual Veins. Those under the tongue.

Subsultus Tendinum. A twitching, or involuntary contraction of the tendons—the forerunner of death.

Suppuration. The ripening of a boil, or imposthume, into matter.

Symptom. A sign or token of a particular disease.

Symptomatic. A term frequently used to express the difference between primary and secondary diseases.

Systole. See *Diastole*.

Syncope. A fainting fit, attended with a complete abolition of sensation and thought.

Syphilitic. Venereal.

T

Tabes. A species of consumption.

Tabes Dorsalis. A consumption of the marrow of the back-bone.

Temperament. A peculiar habit of body, of which there are generally reckoned four, viz. the sanguine, the bilious, the melancholic, and the phlegmatic.

Tendons. Vulgarly called the Leaders.

Tenesmus. A continual desire of going to stool, attended with an inability of voiding any thing, except bloody, slimy matter.

Tonsils. Two glands, or kernels, commonly called the Almonds of the Ears, situated on each side of the mouth, at the root of the tongue.

Topical Medicines. Those applied to particular parts.

U

Vertigo. Giddiness.

Verucal. Wart-like, a character of a certain species of the piles.

Vermifuge. A medicine to expel worms.

Vesical. Bladder-like; a character of a certain species of the piles.

Vesicatory. A blistering application.

Viscera. The bowels, entrails. The heart, liver, lungs, &c. are so called.

Vis vitæ. The vital principle.

Visciditv. Clamminess, a gluey quality.

Vomica. An imposthume in the lungs.

Ulcer. An ill-conditioned sore.

Umbilical Cord. The navel-string.

Umbilicus. The navel.

Ureters. Two long and small canals, which convey the urine from the kidneys to the bladder.

Urethra. The canal which conveys the urine from the bladder.

Uvæ. Grape-like; a character of a certain species of the piles.

A GENERAL POSOLOGICAL TABLE ;

OR,

SUMMARY VIEW OF THE DOSES

OF ALL

Medicines in common Use by the Faculty,

ADAPTED FOR AN ADULT, OR FULL
GROWN PERSON,

*And therefore must be altered according to the age
and strength of the patient.*

☞ The first mentioned portion marks the least dose which can be expected to produce any effect ; and the last contains the greatest quantity which can be given with safety.

<i>ALUM.....</i>	<i>from 6 grains to 12 grains.</i>
<i>Vinegar of Squills.....</i>	<i>from 10 drops to 50 drops.</i>
<i>Muriatic Acid.....</i>	<i>from 15 drops to 40 drops.</i>
<i>Diluted Vitriolic Acid.....</i>	<i>from 10 drops to 30 drops.</i>
<i>Vitriolic Æther.....</i>	<i>from 10 drops to 100 drops.</i>
<i>Socotrine Aloes.....</i>	<i>from 15 grains to 1 scruple.</i>
<i>Prepared Ammonia.....</i>	<i>from 5 grains to 1 scruple.</i>
<i>Gum Ammoniacum.....</i>	<i>from 10 grains to 15 grains.</i>
<i>Crude Antimony.....</i>	<i>from 1 scruple to 1 drachm.</i>
<i>Calcined Antimony.....</i>	<i>from 15 grains to 2 scruples.</i>
<i>Tartarised Antimony.....</i>	<i>from 1 grain to 6 grains.</i>
<i>Vitrified Antimony.....</i>	<i>from 2 grains to 10 grains.</i>
<i>Water of Ammonia.....</i>	<i>from 10 drops to 30 drops.</i>
<i>Water of Acetated Ammonia.....</i>	<i>from 2 drachms to 6 drachms.</i>
<i>Dill-seed Water.....</i>	<i>from 1 ounce to 2 ounces.</i>
<i>Lime Water.....</i>	<i>from 4 ounces to half pint.</i>
<i>Cinnamon Water.....</i>	<i>from 2 ounces to 4 ounces.</i>
<i>Fennel Water.....</i>	<i>from 2 ounces to 4 ounces.</i>
<i>Water of prepared Kali.....</i>	<i>from 20 drops to 30 drops.</i>
<i>Water of pure Kali.....</i>	<i>from 10 drops to 30 drops.</i>
<i>Peppermint Water.....</i>	<i>from 2 ounces to 4 ounces.</i>
<i>Pimento Water.....</i>	<i>from 2 ounces to 4 ounces.</i>
<i>Pennyroyal Water.....</i>	<i>from 2 ounces to 4 ounces.</i>

<i>Rose Water</i>	as much as you please.
<i>Gum Arabic</i>	from 1 drachm to 2 drachms.
<i>Asafetida</i>	from 10 grains to 1 scruple.
<i>Canada Balsam</i>	from 15 drops to 30 drops.
<i>Balsam of Copaiva</i>	from 20 drops to 40 drops.
<i>Balsam of Peru</i>	from 6 drops to 25 drops.
<i>Balsam of Tolu</i>	from 1 scruple to 1 drachm.
<i>Calomel</i>	from 3 grains to 10 grains.
<i>Camphor</i>	from 3 grains to 1 scruple.
<i>Cantharides</i>	from $\frac{1}{4}$ grain to 4 grains.
<i>Cardamom Seeds</i>	from 5 grains to 10 grains.
<i>Cascarilla Bark</i>	from half scruple to 1 drachm.
<i>Castor</i>	from 3 grains to 1 scruple.
<i>Catechu</i>	from 15 grains to 2 scruples.
<i>Camomile</i>	from half scruple to 1 drachm.
<i>Hemlock</i>	from 5 grains to 1 scruple.
<i>Peruvian Bark</i>	from 1 scruple to 2 drachms.
<i>Colomba</i>	from 10 grains to 1 scruple.
<i>Cordial Confection</i>	from 15 grains to 2 scruples.
<i>Confection of Opium</i>	from 5 grains to 1 scruple.
<i>Conserve of Sea Wormwood</i>	from 2 drachms to half an ounce.
<i>Conserve of Cuckowpint</i>	from 1 scruple to 1 drachm.
<i>Conserve of Orange Peel</i>	as much as you please.
<i>Conserve of Hips</i>	as much as you please.
<i>Conserve of Woodsorrel</i>	from 4 drachms to 1 ounce.
<i>Conserve of Sloes</i>	from 1 drachm to 3 drachms.
<i>Conserve of Red Roses</i>	from 2 drachms to 1 ounce.
<i>Conserve of Squills</i>	from 1 scruple to 1 drachm.
<i>Contrayerva</i>	from 10 grains to half drachm.
<i>Coriander Seeds</i>	from 1 scruple to 1 drachm.
<i>Burnt Hartshorn</i>	from half drachm to 2 drachms.
<i>Chalk</i>	from 15 grains to 1 scruple.
<i>Decoction of Peruvian Bark</i>	from 2 ounces to 6 ounces.
———— <i>Hartshorn</i>	from 4 ounces to half pint.
<i>Simple Decoction of Barley</i>	from 4 ounces to half pint.
<i>Compound Decoction of Barley</i>	from 4 ounces to half pint.
<i>Simple Decoction of Sarsaparilla</i>	from 4 ounces to half pint.
<i>Comp. Decoction of Sarsaparilla</i>	from 4 ounces to half pint.
<i>Decoction of Elm</i>	from 4 ounces to half pint.
<i>Fox glove</i>	from half grain to 2 grains.
<i>The inspissated Juice of the</i> <i>Wild Cucumber</i>	from half grain to 3 grains.
<i>Electuary of Cassia</i>	from 1 drachm to 6 drachms.
———— <i>Scammony</i>	from 1 scruple to 1 drachm.
———— <i>Senna</i>	from half drachm to 4 drachms.
<i>Extract of Broom Tops</i>	from $1\frac{1}{2}$ scruple to $1\frac{1}{2}$ drachm.
———— <i>Cascarilla</i>	from 10 grains to $1\frac{1}{2}$ scruple.
———— <i>Camomile</i>	from 10 grains to 2 scruples.
———— <i>Peruvian Bark</i>	from 10 grains to $1\frac{1}{2}$ scruple.
———— <i>Bark with the Resin</i>	from 10 grains to $1\frac{1}{2}$ scruple.
<i>Comp. Extract of Bitter Apple</i>	from 5 grains to 25 grains.
<i>Extract of Gentian</i>	from 10 grains to $1\frac{1}{2}$ scruple.
———— <i>Liquorice</i>	from 1 drachm to 4 drachms.

<i>Extract of Logwood</i>	from 10 grains to 2 drachms.
<i>Black Hellebore</i>	from 2 grains to 10 grains.
<i>Jalap</i>	from 10 grains to 1 scruple.
<i>White Poppies</i>	from 1 grain to 5 grains.
<i>Rue</i>	from 10 grains to 1 scruple.
<i>Savin</i>	from 10 grains to half drachm.
<i>Senna</i>	from 10 grains to 1½ scruple.
<i>Rust of Iron</i>	from 6 grains to 1½ scruple.
<i>Ammoniacal Iron</i>	from 2 grains to 10 grains.
<i>Tartarised Iron</i>	from 2 grains to 10 grains.
<i>Vitriolated Iron</i>	from 1 grain to 6 grains.
<i>Male Fern Root</i>	from 1½ scruple to 3 scruples.
<i>Flowers of Benzoin</i>	from 10 grains to 1 scruple.
<i>Flowers of Sulphur</i>	from 1 scruple to 1½ scruple.
<i>Gamboge</i>	from 2 grains to 10 grains.
<i>Broom Tops</i>	from 1 scruple to 1 drachm.
<i>Gentian</i>	from 10 grains to 1 drachm.
<i>Ginseng</i>	from 10 grains to 1 drachm.
<i>Liquorice Root</i>	from 4 drachms to 6 drachms.
<i>Guaiacum</i>	from 1½ scruple to 1 drachm.
<i>Gum Resin</i>	from 6 grains to 1½ scruple.
<i>Logwood</i>	from 10 grains to 1 drachm.
<i>Black Hellebore</i>	from 1 grain to 5 grains.
<i>Quicksilver</i>	from half ounce to 4 ounces.
<i>Acetated Quicksilver</i>	from 1 grain to 10 grains.
<i>Calcined Quicksilver</i>	from half grain to 2 grains.
<i>Quicksilver with Chalk</i>	from 5 grains to 1 scruple.
<i>Muriated Quicksilver</i>	from ½ grain to half grain.
<i>Sulphurated Quicksilver</i>	from 1 scruple to 1 drachm.
<i>Red sulphurated Quicksilver</i>	from 10 grains to 1½ scruple.
<i>Vitriolated Quicksilver</i>	from half grain to 4 grains.
<i>Compound Infusion of Gentian</i>	from 2 ounces to 4 ounces.
<i>Infusion of Roses</i>	from 2 ounces to half pint.
<i>Simple Infusion of Senna</i>	from 2 ounces to 4 ounces.
<i>Tartarised Infusion of Senna</i>	from 2 ounces to 4 ounces.
<i>Ipecacuanha</i>	from 10 grains to 1 scruple.
<i>Florentine Orris</i>	from 1 scruple to 1 drachm.
<i>Jalap</i>	from 7 grains to half scruple.
<i>Juniper Berries</i>	from 1 scruple to 1 drachm.
<i>Kino</i>	from 10 grains to 1½ scruple.
<i>Prepared Kali</i>	from 8 grains to 1 scruple.
<i>Acetated Kali</i>	from 1 scruple to 1 drachm.
<i>Tartarised Kali</i>	from 2 drachms to 6 drachms.
<i>Vitriolated Kali</i>	from 2 drachms to 6 drachms.
<i>Milk of Ammoniacum</i>	from 2 drachms to 1 ounce.
<i>Milk of Almonds</i>	from 2 ounces to 6 ounces.
<i>Volatile Liquor of Hartsho.</i>	from one-half-scruple to 2 drac.
<i>White Magnesia</i>	from 1 scruple to 2 drachms.
<i>Burnt Magnesia</i>	from 1½ scruple to 1 drachm.
<i>Vitriolated Magnesia</i>	from 2 drachms to 6 drachms.
<i>Manna</i>	from half ounce to 2 ounces.
<i>Acetated Honey</i>	from 1 drachm to 2 drachms.
<i>Rose Honey</i>	from 1 drachm to 2 drachms.

<i>Squill Honey</i>	from	1½ scruple to 2 drachms.
<i>Woodlice</i>	from	1 drachm to 3 drachms.
<i>Camphorated Mixture</i>	from	2 ounces to 4 ounces.
<i>Chalk Mixture</i>	from	2 ounces to 4 ounces.
<i>Musk Mixture</i>	from	4 drachms to 2 ounces.
<i>Mucilage of Starch</i>	from	1 drachm to 1 ounce.
<i>Mucilage of Gum Arabic</i>	from	1 drachm to 1 ounce.
<i>Mucilage of Quinceseed</i>	from	1 drachm to 1 ounce.
<i>Mucilage of Tragacanth</i>	from	1 drachm to 1 ounce.
<i>Myrrh</i>	from	10 grains to 1½ scruple.
<i>Prepared Natron</i>	from	10 grains to 1½ scruple.
<i>Tartarised Natron</i>	from	4 drachms to 1 ounce.
<i>Vitriolated Natron</i>	from	6 drachms to 1 ounce.
<i>Purified Nitre</i>	from	5 grains to 1 scruple.
<i>Oil of Almonds</i>	from	4 drachms to 1 ounce.
— <i>Juniper-berries</i>	from	2 drops to 10 drops.
— <i>Lavender</i>	from	2 drops to 5 drops.
— <i>Linseed</i>	from	4 drachms to 1 ounce.
— <i>Olives</i>	from	4 drachms to 1 ounce.
<i>Castor Oil</i>	from	2 drachms to 1 ounce.
<i>Oil of Mustard</i>	from	4 drachms to 1 ounce.
<i>Purified Opium</i>	from	half grain to 2 grains.
<i>Oyster shells</i>	from	1 scruple to 1½ drachm.
<i>Oxymel Colchici</i>	from	1 scruple to 1½ scruple.
— <i>of Squills</i>	from	1½ scruple to 1 drachm.
<i>Compound Pills of Aloes</i>	from	10 grains to 1 scruple.
<i>Pill of Aloes with Myrrh</i>	from	6 grains to 18 grains.
<i>Compound Galbanum Pills</i>	from	10 grains to 1½ scruple.
<i>Quicksilver Pills</i>	from	6 grains to 1 scruple.
<i>Opium Pills</i>	from	2 grains to 8 grains.
<i>Squill Pills</i>	from	10 grains to 1 scruple.
<i>All-spice</i>	from	5 grains to 1 scruple.
<i>Aloetic Powder with Canella</i>	from	10 grains to 1 scruple.
— <i>with Iron</i>	from	8 grains to 18 grains.
— <i>with Guaiacum</i>	from	10 grains to 1 scruple.
<i>Antimonial Powder</i>	from	3 grains to 6 grains.
<i>Aromatic Powder</i>	from	5 grains to 1 scruple.
<i>Comp. Powder of Crab's Claw</i>	from	1½ scruple to 1 drachm.
— <i>Contrayerva</i>	from	15 grains to 1½ scruple.
— <i>Chalk</i>	from	10 grains to 1 scruple.
<i>Comp. Powder of Chalk with</i> <i>Opium</i>	from	10 grains to 2 scruples.
<i>Comp. Powder of Ipecacuanha</i>	from	18 grains to 1½ scruple.
— <i>Myrrh</i>	from	15 grains to 1½ scruple.
— <i>Scammony</i>	from	10 grains to 1 scruple.
<i>Powder of Scammony with Aloes</i>	from	5 grains to 10 grains.
— <i>with Calomel</i>	from	3 grains to 16 grains.
<i>Compound Powder of Senna</i>	from	1 scruple to 2 scruples.
— <i>Tragacanth</i>	from	1 scruple to 1 drachm.
<i>Pellitory of Spain</i>	from	2 grains to 6 grains.
<i>Quassia Wood</i>	from	5 grains to 1 scruple.
<i>Oak Bark</i>	from	6 grains to 1 scruple.
<i>Herseradish</i>	from	1 scruple to 1 drachm.

<i>Rhubarb</i>	from 15 grains to 2 scruples.
<i>Rue</i>	from 15 grains to 1 scruple.
<i>Sal Ammoniac</i>	from 8 grains to 1 scruple.
<i>Salt of Hartshorn</i>	from 10 grains to 1 scruple.
<i>Purified Salt of Amber</i>	from 5 grains to 15 grains.
<i>Soap</i>	from 1½ scruple to 4 drachms.
<i>Sarsaparilla</i>	from 1 scruple to 1½ scruple.
<i>Sassafras</i>	from 1 scruple to 1 drachm.
<i>Scammony</i>	from 5 grains to 1 scruple.
<i>Dried Squills</i>	from 1 grain to 3 grains.
<i>Fresh Squills</i>	from 5 grains to 10 grains.
<i>Water germander</i>	from 1 scruple to 1 drachm.
<i>Senega</i>	from 1 scruple to 2 scruples.
<i>Senna</i>	from 1 scruple to 1 drachm.
<i>Serpentaria</i>	from 10 grains to 2 scruples.
<i>Simarouba Bark</i>	from 10 grains to 1½ scruple.
<i>Mustard Seed</i>	from 1 drachm to 3 drachms.
<i>Spermaceti</i>	from 1 scruple to 1 drachm.
<i>Indian Pink</i>	from 10 grains to 1 scruple.
<i>Buckthorn</i>	from 1½ scruple to 2 drachms.
<i>Vitriolic Spirit of Æther</i>	from 20 drops to 60 drops.
<i>Comp. Spirit of Vitriolic Æther</i>	from 20 drops to 60 drops.
<i>Nitrous Spirit of Æther</i>	from 20 drops to 60 drops.
<i>Spirit of Ammonia</i>	from 1 scruple to 2 scruples.
<i>Compound Spirit of Ammonia</i>	from 1½ scruple to 1 drachm.
<i>Fætid Spirit of Ammonia</i>	from 1 scruple to 2 scruples.
<i>Succinated Spirit of Ammonia</i>	from 10 drops to 1 scruple.
<i>Compound Spirit of Aniseed</i>	from 1 drachm to 4 drachms.
<i>Spirit of Caraway</i>	from 1 drachm to 4 drachms.
<i>Spirit of Cinnamon</i>	from 1 drachm to 4 drachms.
<i>Compound Spirit of Juniper</i>	from 1 drachm to 4 drachms.
<i>Spirit of Lavender</i>	from 1 drachm to 4 drachms.
<i>Compound Spirit of Lavender</i>	from 1½ scruple to 2 drachms.
<i>Spirit of Peppermint</i>	from 1 drachm to 3 drachms.
——— <i>Spearmint</i>	from 1 drachm to 4 drachms.
——— <i>Nutmeg</i>	from 1 drachm to 4 drachms.
——— <i>Pimento</i>	from 1 drachm to 3 drachms.
——— <i>Pennyroyal</i>	from 1 drachm to 3 drachms.
<i>Comp. Spirit of Horseradish</i>	from 1 drachm to 3 drachms.
<i>Burnt Sponge</i>	from 1 scruple to 1 drachm.
<i>Powder of Tin</i>	from 3 drachms to 6 drachms.
<i>Storax</i>	from 10 grains to 1 scruple.
<i>Prepared Ambers</i>	from 1½ scruple to 1 drachm.
<i>Inspissated Juice of Henbane</i>	from 1 grain to 4 grains.
——— <i>Juice of Elderberry</i>	from half an ounce to 2 ounces.
——— <i>Juice of Hemlock</i>	from 2 grains to 10 grains.
<i>Comp. Juice of Scurvy grass</i>	from 2 ounces to 6 ounces.
<i>Inspissated Juice of Black Currant</i>	from half an ounce to 2 ounces.
<i>Precipitated Sulphur of Anti-</i>	
<i>mony</i>	from 2 grains to 5 grains.
<i>Precipitated Sulphur</i>	from 1 drachm to 2 drachms.

<i>Syrup of Marsh-mallow</i>	from 1 drachm to 2 drachms.
— of <i>White Poppies</i>	from 4 drachms to 1 ounce.
— of <i>wild Poppy</i>	from 2 drachms to 4 drachms.
— of <i>Roses</i>	from 2 drachms to 4 drachms.
— of <i>Buckthorn</i>	from 2 drachms to 4 drachms.
— of <i>Violets</i>	from 2 drachms to 4 drachms.
— of <i>Ginger</i>	from 2 drachms to 4 drachms.
<i>Tansey</i>	from 1½ scruple to 1 drachm.
<i>Crystals of Tartar</i>	from 2 drachms to half an ounce.
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<i>Compound Tincture of Aloes</i>	from 1½ scruple to 2 drachms.
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<i>Tincture of Balsam of Peru</i>	from 1½ scruple to 2 drachms.
<i>Tincture of Balsam of Tolu</i>	from 1½ scruple to 2 drachms.
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<i>Tincture of the Spanish Fly</i>	from 10 drops to 1 drachm.
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<i>Compound Tincture of Gentian</i>	from 2 drachms to 3 drachms.
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<i>Tincture of Black Hellebore</i>	from 1 scruple to 1 drachm.
— — — <i>Jalap</i>	from 1 drachm to 3 drachms.
— — — <i>Myrrh</i>	from 1 drachm to 2 drachms.
— — — <i>Opium</i>	from 20 drops to 30 drops.
<i>Camphor. Tincture of Opium</i>	from 30 drops to 60 drops.
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<i>Compound Tincture of Rhubarb</i>	from 4 drachms to 2 ounces.
<i>Compound Tincture of Savin</i>	from 20 drops to 40 drops.
<i>Tincture of Squills</i>	from 20 drops to 60 drops.
— — — <i>Senna</i>	from 2 drachms to 1 ounce.
— — — <i>Serpentaria</i>	from 1 drachm to 2 drachms.
— — — <i>Valerian</i>	from 1 drachm to 3 drachms.
<i>Ammoniated Tinc. of Valerian</i>	from 1 scruple to 2 drachms.
<i>Tincture of Ginger</i>	from 1 drachm to 2 drachms.
<i>Tormentil Root</i>	from 10 grains to 2 scruples.
<i>Trogacanth</i>	from 10 grains to 1 drachm.
<i>Valerian</i>	from 1 scruple to 2 drachms.
<i>Wine of Aloes</i>	from 6 drachms to 1 ounce.
<i>Antimonial Wine</i>	from 20 drops to 50 drops.
<i>Wine of Tartarised Antimony</i>	from 20 drops to 50 drops.

<i>Wine of Iron</i>	from 1 drachm to 4 drachms.
<i>Ipecacuanha Wine</i>	from 1 drachm to 4 drachms.
<i>Wine of Rhubarb</i>	from 4 drachms to 2 ounces.
<i>Bear's Whortieberry</i>	from 1 scruple to 1 drachm.
<i>Calcined Zinc</i>	from 3 grains to 10 grains.
<i>Purified Vitriolated Zinc</i>	from 5 grains to 1 scruple.

N. B. All Drops should be taken in a glass of water, unless otherwise expressed.

INDEX.



A

	Page
A BORTION, to prevent	179
After-pains	183
Ague	8
Albugo. See OPTHALMY	
Anasarca	87
Angina	14
—— Pectoris. See FLATULENCIES, ASTHMA, and DROPSY	
Anorexia	123
Apepsia	ibid
Aphthæ	35
Apoplexy	81
Appetite, bad.	123
Ardent Fever	6
Arthritis. See GOUT	
Ascites	87
Asthma	65

B

Bastard Peripneumony	62
Bloody Flux	109
Borborygmi. See FLATULENCIES	
Bradypepsia	123
Bulimus	125
Bulimia	ibid
Burn	167

C

Canducus	71
Cancer	166
Canine Appetite	125
Cardialgia	116

	Page
Catalepsy	71
Catarrhal Fevers	58
Catarrh, Suffocating	59
Catoche	71
Causus	6
Cephalæa	69
Cephalalgia	ibid
Chiragra. See GOUT	
Chlorosis	170
Cholera Morbus	111
Chorea Sancti Viti	158
Chumosis. See OPHTHALMY	
Clap	94
Colic, Bilious	118
—— Flatulent	120
—— of Painters	119
Coeliaca	106
Colds	58
Coma Vigil. See FEVERS	
—— Somnolentum. See LETHARGY	
Consumption	38
Contractions	169
Convulsions	186
—— in Children	130
Cough	59
—— Hooping	190
Cuticular Eruptions	191
—— in Children	192

D

Dance of St. Vitus	158
Deafness	157
Dentition	188
Diabetes	130
Diarrhœa	106
Disorders of the Eyes	55
—— Breast. See COUGH, ASTHMA, FLATULENCIES, and BASTARD PERIPNEUMONY	

	Page
Disorders, painful	161
——— peculiar to Children	184
——— Females	170
——— Pregnancy	178
——— Venereal	94
——— Windy	75
Dropsy	87
Dysentery	109
Dyspepsia	123
Dyspnœa	66
Dysury	144

E

Elephantiasis	139
Empyema	42
Ephemera	6
Epilepsy	71
Epiphora. See OPHTHALMY	
Eruptive Fevers	52
Erysipelas	47
Evil	140
—— in Children	187

F

Fainting	127
Falling down of the Anus	142
—— Womb	177
Fevers in general	1
—— Ardent	6
—— Intermittent	8
—— Malignant	31
—— Miliary	29
—— Nervous	ibid
—— Petechial	31
—— Puerperal	181
—— Putrid	31
—— Scarlet	37
—— Slow	29
—— White. See CHLOROSIS	
Fistula	114

	Page
Flatus, or Flatulencies	75
Flooding	83
Fluor albus. See WHITES	

G

Gangrene	164
Glaucoma	59
Gleet	104
Gonagra	149
Gonorrhœa, virulent	94
Gout	149
Gravel	52
Green Sickness	170
Gripes, Dry	121
—— Watery	191
Gutta Serena	58

H

Hæmoptoe	43
Hæmorrhage	45
Hæmorrhoids	113
Head-ach	69
Heartburn	116
Hemicrania	69
Hemiplegia	85
Hernia, or Rupture	164
Hiccough	45
Hip-gout	155
Hoarseness	59
Humoral Asthma	65
Hydrocephalus, or Watery Head	185
—— Internus, or Dropsy of the Brain	186
Hydrops, or Dropsy	87
Hydrothorax, or Dropsy of the Breast	65
Hypochondria	79
Hypopyon. See OPTHALMY	
Hysterics	172

I

Jaundice	91
Iliac Passion, or Twisting of the Guts	121

	Page
Imbecility	175
Impotency	147
Intermitting Fever	8
Ischias, or Hip-gout	155
Ischury	144
Itch	137

K

King's-Evil	140
-----------------------	-----

L

Labour, difficult	182
Lepra Græcorum	159
Leprosy	ibid
Lethargy	145
Lientery	166
Locked Jaw	130
Looseness	106
Lues, or Pox	94
Lumbago	149

M

Madness	21
Malignant Fever	31
Measles	36
Melancholy	79
Menses, suppressed	174
—— immoderate	175
Miliary Fever	29
Miserere Mei	121
Morbili, or Measles	60
Morbus Comitialis	} 71
—— Herculeus	
—— Sacer	
—— Virgineus	170
Mortification	164

N

Nephritis	49
Nervous Fever	54
Nipples, sore	184

O

Odontalgia, or Tooth-ach	161
Œdema	167
Omagra } See GOUT	
Onagra }	
Opisthotonos	130
Ophthalmy, and Disorders of the Eyes	55
Orthopnœa	66

P

Painful Disorders	161
Pain in the Back	163
----- Breast. See PHTHISIS	
----- Ears	161
----- Face	162
----- Head	69
----- Limbs	163
----- Loins	ibid
----- Neck	162
----- Side. See FLATUS	
----- Stomach. See HEARTBURN	
----- Teeth	161
Palpitation of the Heart	129
Palsy	85
Paralytic Affection of the Legs	169
Paraphrenitis	20
Parturition	181
Peripneumony	16
----- Bastard	62
Petechial Fever	31
Phlogosis	55
Phlyctenæ	ibid
Phrenitis	19
Phthisis	38
Piles	114
Plague. See PUTRID FEVER	
Pleurisy	11
Poisons	128
Póx	100

	Page
Procidencia Ani - - - - -	142
Procidencia Uteri - - - - -	177
Psora, or Itch - - - - -	137
Pterygium - - - - -	59
Putrid Fever - - - - -	31
----- Sore Throat - - - - -	33

Q

Quinsy - - - - -	14
------------------	----

R

Retention of the Meconium - - - - -	185
Rheumatism - - - - -	153
Rickets - - - - -	192
Rupture - - - - -	164

S

Scald-head - - - - -	191
Scirrhus - - - - -	166
Sciatica, or Hip-gout - - - - -	155
Scorbutic Eruptions - - - - -	133
Scrophula, or Evil - - - - -	187
Scurvy - - - - -	133
Singultus, or Hiccup - - - - -	45
Slow Fever - - - - -	29
Small-pox - - - - -	25
Spasms - - - - -	130
Sphacelus, or Mortification - - - - -	164
Spina Ventosa, or White Swelling - - - - -	163
Sprain - - - - -	167
Sterility - - - - -	147
Stone - - - - -	53
Strangury - - - - -	143
Struma, or Evil - - - - -	140
Suffocating Catarrh - - - - -	59
Suffusio - - - - -	55
Syncope, or Fainting - - - - -	127
Synochus - - - - -	6

T

Taraxis - - - - -	55
Tenesmus - - - - -	113

	Page
Thrush - - - - -	35
Tinea, or Scald-Head - - - - -	191
Tooth-ach - - - - -	161
Toothing - - - - -	181
Tussis Convulsiva, or Hooping-cough -	190
Twisting of the Guts - - - - -	121
Tympanites - - - - -	87

V

Variolæ, or Small-pox - - - - -	25
Venereal Disorders - - - - -	94
Volvulus - - - - -	121
Vomiting - - - - -	126

U

Ulcer in the Bladder - - - - -	52
----- Kidnies - - - - -	ibid
----- Legs - - - - -	163
Urine, suppressed - - - - -	144
----- Incontinence of - - - - -	145

W

Watery Gripes - - - - -	191
Weakness of the Solids - - - - -	159
Whites - - - - -	171
White-swelling - - - - -	163
Windy Disorders - - - - -	75
Worm-Fever - - - - -	189
Worms - - - - -	132

Y

Yaws. See Pox, and SCORBUTIC ERUPTIONS.

Recipes.

A RECEIPT FOR DAFFY'S ELIXIR.

TAKE Senna leaves in powder, two ounces ;
 Jalap in powder, one ounce ;
 Coriander Seeds bruised, half an ounce ;
 French Brandy, three pints ;

Put all these ingredients into a bottle, shaking it frequently, for four or five days ; then strain off the Tincture, and add three ounces of powdered Sugar Candy.

The dose is from one to three table-spoonfuls, diluted a little with warm water. This gently opens and comforts the bowels, and is an excellent medicine in flatulent disorders.

SCOTCH PILLS.

DISSOLVE two ounces of Hepatic Aloes over a slow fire, in
 A small spoonful of pure Florence Oil, to which add as much water.

When it is brought into a proper consistence, make it into Pills of the size of a small pea.

TINCTURE OF THE ANGUSTURA BARK.

TAKE Angustura Bark in powder, one ounce ;
 The Aromatic Spices, half an ounce ;
 Sugar Candy, four ounces ;
 Rum, one Pint.

Infuse for a few days, keeping the bottle close stopped.

This is an excellent Tincture : it comforts the stomach and bowels, and is very useful in cases of nervous debility.

TURLINGTON'S BALSAM.

TAKE Balsam of Peru, half an ounce ;
 Balsam of Tolu, one ounce ;
 Gum Storax, in tears, or strained, one ounce ;
 Gum Guaiacum, one ounce ;
 Gum Benjamin, an ounce and a half ;
 Hepatic Aloes, and Frankincense, of each
 two drachms ;
 Dragon's Blood, one ounce.

Let the Gums be bruised, and put the ingredients into a quart of Rectified Spirits : put it into a warm place (a sand-heat is best), and let it be shaken frequently, for seven or eight days ; it is then fit for use.

For a fresh wound, this medicine is second to none.

ARTHRITIC TINCTURE, OR, GOUTY MEDICINE.

TAKE Sweet Fennel, and Coriander Seeds, well
 bruised, of each one ounce ;
 Cochineal, in fine powder, two drachms ;

Liquorice Root, in powder, two ounces ;
Saffron, two drachms ;
Rhubarb in powder, three ounces ;
Senna powdered, one ounce ;
Raisins of the Sun, stoned, two pounds.

Put these ingredients into a gallon of the best French Brandy, in a stone bottle, and let it stand before the fire for eight or ten days, shaking it often ; then strain it off for use.

This is a most excellent medicine in all cases of Flatulence, and has often relieved the Gout in the stomach. Dose, one or two table-spoonfuls.

HUXHAM'S TINCTURE OF BARK.

TAKE of Peruvian Bark, powdered, two ounces ;
Outward Peel of Seville Oranges, dried,
one ounce and a half ;
Virginian Snake-root, bruised, 3 drachms ;
Saffron, one drachm ;
Cochineal, powdered, two scruples ;
Proof Spirit of Wine, twenty ounces.

Digest it for fourteen days, and strain it.

In bad habits, where the viscera and abdominal glands have been obstructed, and the bark by itself unsuccessful, if not injurious, this Tincture may be used with the utmost safety, and rarely fails of producing the most salutary effects.

As a corroborant and stomatic, it is given in doses of two or three drachms ; but, when employed for the cure of intermittents, it must be taken in larger quantities.

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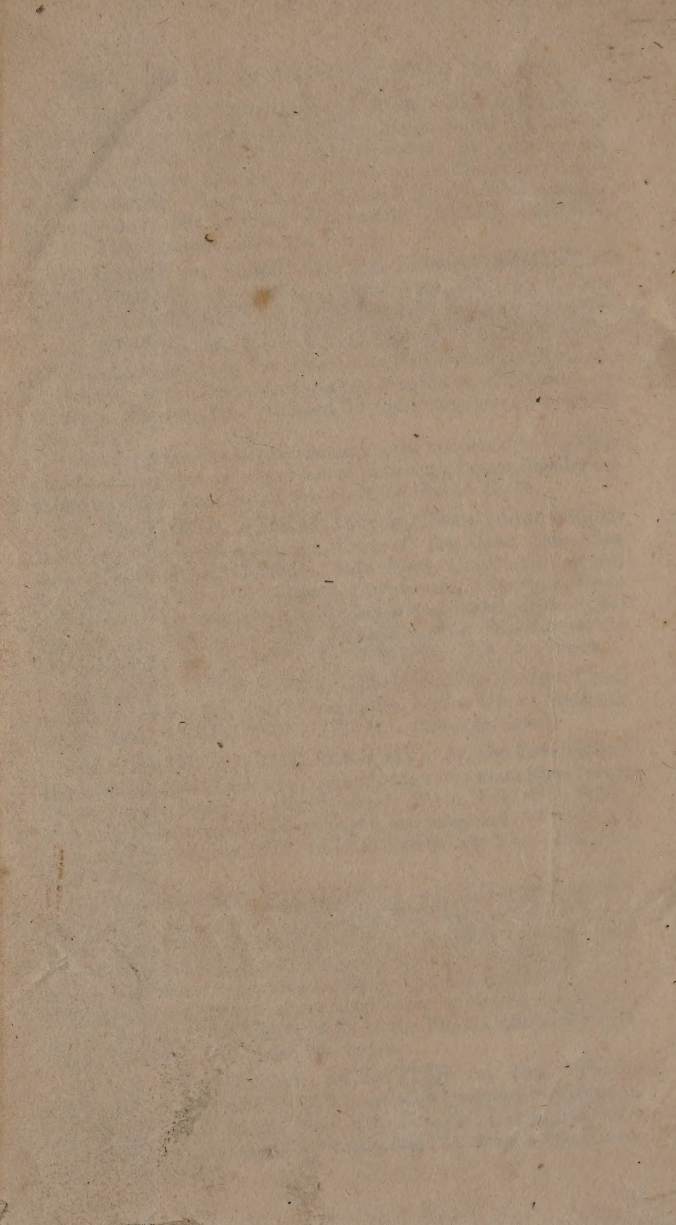
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